**Ankush Borse**

**Alpharetta, GA**

ankushborse@usa.net

**678-477-1424**

* Experienced – hands-on - Enterprise Cloud & Big Data Architect with Focus on enabling secure compliant big data solutions cloud deployments using DevSecOPS principles of infrastructure as a code and security policy as a code - targeted to identity & access management implementation, software integration at SaaS and PaaS level, security policy and SLA management capabilities, system hardening requirements, and security requirements development for cloud native application development teams.
* Enterprise Business awareness, understanding and implementation in an Enterprise Architect role for Digital Transformation initiative envisioning strategic roadmap, evaluate preparing governing standards and guidelines, designing cost management practice and writing enterprise architecture documentation and software development playbook
* Presented, discussed and worked closely with CxO/V-Level Enterprise IT Owners, Transformation Project Owners as well as Engineering and business teams to design and to deliver to be architecture, roadmap and phase definition evaluating application and infrastructure portfolio to migrate to cloud using open source technologies on cloud providers like AWS, Google Cloud Platform, Azure, IBM Bluemix Softlayer, CenturyLink.
* A continuous learner in fast paced cloud and emerging technologies to learn, to formulate and to deliver business solutions, to educate internal and external customers on cloud and security trends to business, data, applications and various technologies enabling software assurance and risk mitigation.
* Possess excellent knowledge of various architectural methodologies geared towards business demands based on multi-cloud identify access management solutions, Cloud Computing/Virtualized/ distributed / composite / services-oriented with implementation using industry standard enterprise design patterns.

**Skills Summary**

**Cloud Computing Platforms and Technologies**

 **Big Data**

Denodo Data Virtualization, Tableau Visualization, Apache Superset, Cockroach DB, Apache Ignite, Elasticsearch, Logstash, Kibana, AWS Elasticsearch, AWS Kinesis Streams, Apache Spark, AWS EMR, AWS Lambda, AWS Glue, AWS RDS for MySQL/PostgresSQL, AWS Aurora for PostgresSQL.Azure SQL Data Warehouse, AWS Redshift,

**Security and Identity and Access Management**

IBM QRadar, SIEM, SAML, oAuth/oAuth 2, AWS Cognito, AWS Web Application Firewall, AWS Shield, AWS IDM, Azure Active Directory, Azure Multi-factor Authentication, Shibboleth, Microsoft ADFS, RSAAuthentication Manager, IBM Tivoli Access Manager, CA Site minder, Trust Bearer, LDAP/Open LDAP, Single Sign On, SSL/TLS, OpenSSO, Federated Identity Solutions,

**Container Orchestration and Container Technologies**

AWS ECS, AWS Fargate, AWS EKS, AKS, Minikube, Red Hat Openshift, Docker, Google Kubernetes, Nirmata K8S / Docker Platform, DCHQ, CenturyLink Panamax, Linux Containers,

**Micro services and Serverless Architecture**

Micro services Architecture Concepts, 12 Factor App, Serverless Architecture, AWS Lambda,

**Public IaaS Platforms**

AWS, Azure, Google Cloud Platform, IBM Bluemix, CenturyLink,

**Private IaaS Platforms**

OpenStack (Distributions: IBM Openstack Blue box, CISCO MetaCloud, HEP Hellion, Red Hat OpenStack Platform), Cloud Stack

**Cloud Management Platforms**

VMware vRealize Automation Suite, IBM Orchestrator, CISCO Cloud Center, Red hat Cloud forms, HPE CSA

**PaaS**

Pivotal Cloudfoundry, Google App Engine, IBM Bluemix, Openshift Origins,

**Cloud Automation, Orchestration and Enterprise DevOPS**

AWS CloudFormation, Openstack Heat, AWS Code Commit, AWS Code Build, AWS Code Pipeline, Git, Jenkins, PMD, Angular JS Jasmine and Karma, Ansible, Chef, Puppet, Vagrant, Knife, Ohio, Recipes, vRealize Orchestrator,

**Virtualization**

VMware ESXi - vSphere, VMware vRealize vCloud, Microsoft Hyper-V, Microsoft System Center for Virtual Machine Manager,

**Open Source Technologies**

Spring, Spring Boot, Spring Cloud, Spring Integration, Spring Batch, ManageIQ, TripleO, JBOSS, Apache ActiveMQ, hibernate, Tomcat, Apache JMeter, Apache Activiti,

**Networking Technologies**

SDN, NFV, HTTP/HTTPS, SSL/TLS, TCP/IP, FTP/SSH, Routing, Load Balancing, F5 Load Balancers, Virtual IP Technologies, Hardware and Software Based Proxying Technologies, Wireshark, NMap, Linux/Windows Networking

**Architecture and Designing technologies**

C4 Model, Zachman Framework for Enterprise Architectures, Open Group Architectural Framework (TOGAF), ACORD Standards, IBM WSDDM Methodologies, AMEX Method One, SEI CMMI, OOP (object-oriented programming), OODA (object-oriented design and analysis), Design Patterns, Distributed computing, Multi-threaded programming, highly scalable, fault tolerant, redundant, and clustered systems, real time systems, MS Visio, MS Project,

**Databases and platforms**

PostgreSQL AWS RDS for PostgreSQL, AWS DynamoDB, MongoDB, Oracle, DB2, Sybase, MS SQL Server, MySQL, IBM WebSphere, Oracle WebLogic, Apache HTTP Server, MS IIS, IBM HTTP Server, Apache HTTP Server, Windows Server, Solaris, AIX, Red Hat Linux

**Performance Monitoring, Tuning and Application Optimization Tools**

Wily Introscope, BMC Patrol, Samurai, Microsoft Performance Toolset and solution accelerators, e-j Technologies JProfiler,

**Languages/Frameworks/Standards/Methodologies**

Java, J2SE, J2EE, Python, Bash Scripting, Ruby, JSON, XML,

**SOA, Web Services and ESB**

RESTful JSON Services, Complex Event Processing (CEP), SOA Governance, Web Services Design Patterns,

**Professional Experience**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
| **Cloud Leap Inc** |  | **August 2020 – Till Date** |
| **Cloud Security Architect**Providing Enterprise Architectural oversight for financial organizations merger from cloud enablement, digital transformation and cybersecurity focusing on data protection, regulations and compliance, handling of PII, PCI and financial data in cloud as well as on-premise data center. * Gather existing current state of applications to migrate to cloud, design to integrate with On-premise enterprise data stores, SaaS APIs and organizational cloud applications for financial organization,
* prepared end state architecture with security controls for data protection, compliance and regulations fulfillment
* Prepared reference architecture and developed microservices and delivery pipeline.
* Working together with Solution Architect, Infrastructure Architect, API Architect and Data Architect on couple projects to enable secure compliant private application services.
	+ Cloud native remediation of on-premise IVR to AWS Connect with AWS Lambda, AWS Kinesis, DynamoDB, and Fargate containerized Microservices. With SAML based access for contact center agents
	+ Solution design for enabling document uploads for investment management business unit using AWS Lambda, AWS Fargate, Containerized Services and integration with CrowdStrike Virus Scan SaaS services.
 |

 |
|  |  |  |
| **Capgemini Inc** |  | **August 2019 – July 2020** |
| **Managing Delivery Architect**As a Managing Delivery Architect for Cloud, DeVOPS IoT and Microservices helped consulting clients to deliver projects. For Electronic Product Manufacturing client* Understand, evaluate current state of Smart Mobility DevOPS Organization unit, Infrastructure as Code & CICD practices, design and implement and document centralized devops process with cross account code pipeline on AWS Cloud native platform.
	+ Designed, implemented and delivered cross-account cloud formation based infrastructure as a code provisioning and continuous integration code delivery.
* AWS Data Lake on S3 & Elastic search with Denodo, Tableu and Apache Superset as well as establish connectivity between AWS Athena – Denodo, Denodo – Apache Superset
* Integrate Okta-AWS for Single Signon, User provisioning and managing roles.
 |
| **TCS Inc** |  | **Feb 2019 – July 2019** |
| **Enterprise Cloud Architect**As an Enterprise Cloud Architect for Cloud and Microservices Practice helping clients to transform existing platform, application implement digital agile processes guiding people on digital management principles and policies. * Helped financial banking customer to transform their existing platform from mainframe to cloud first/cloud agnostic elastic platform with DecSecOPS processes.
* Information gathering for Cloud based Compute and DevSecOPS
* Reference architecture for Microservices
* PoC for Data platform components – Cockroach DB, Apache Ignite and documentation with motivation to understand data synchronization in multiple cloud regions, ease of handling volume, velocity and variety of data.
 |
| **Mindtree Inc** |  | **11-13-2017 – 12-31-2018** |
| **Technical Director (Enterprise Cloud Architect/SME – Pre-sales Architect)**As a Technical Director for Cloud Transformation and Cloud SME and Pre-sales Consulting Architect for Digital Practice contributing to Pre-sales activities and Enterprise Architecture Delivery focusing on Cloud Advisory, Cloud Roadmap and adoption as well as Cloud SME onsite.* Presented to Fortune 500 customers on Cloud Transformation for deals between 5M to 10M.
* Enabled mobile Security applications’ (deployed on AWS) observability – logging, monitoring and performance observations in a role of a Cloud Architect for Mobile security Client company to implement Elastic Search – Logstash – Kibana.
* Engaged and directed AWS cloud transformation for Policy Administration System using AWS ECS based Microservices and DevOPS.
	+ Secured access to policy administration system
		- IAM for roles – agents, policy owners, underwriter, claim administrators etc using SAML issued as authentication and authorization using AWS Cognito and Windows AD.
		- Authorized user allowed to access user interface for business workflows and perform actions using microservice through AWS WAF sitting between AWS API Gateway and AWS ECS – AWS Elastic Load balancer.
	+ Designed green field microservices using business workflow, schema per service on AWS Aurora for PostgresSQL and AWS DynamoDB and containerizing services for deployment.
	+ Delivered CICD and Infrastructure provisioning using AWS Lambda, Docker with hardened OS, AWS Cloud Formation and python scripts.
 |
| **Abhilasha Enterprise Inc** |  | **01-10-2016 – 11-09-2017** |
| **Client: Social Security Administration (December 2016 – November 2017)****Enterprise Cloud Architect/SME (Private Opensource IaaS Cloud Transformation and Cloud Orchestration)**As a Cloud Architect enabling transformation of legacy virtualization platform to private opensource based IaaS Cloud platform and evaluation, comparing trade studies on hybrid cloud management applications. * Evaluate Opensource OpenStack, IBM BlueBox, CISCO MetaCloud, HP Helio
* Evaluate Cloud Management Platforms: IBM Orchestrator, HPE Cloud Services Administration, CISCO CloudCenter
* Installation of Red Hat OpenStack Platform using Red Hat Platform Director with Red Hat Cloud Forms, Red Hat Ansible Tower, EMC ScaleIO, CISCO ACI
* Installation of Redhat OpenShift Enterprise on VMware vSphere/ESXi
* Prepare openstack based distribution cloud comparison trade study
* Architectural deep dive and write a white paper on Turbonomic
* Python scripts to handle data between public IaaS and private IaaS for revenue generating business processes.

**Client: EY HSBC Bank (August 2016 –November 2016)** **Cloud Foundry Architect/Consultant**As a Cloud Foundry Architect/Consultant looked after design, development, deployment of PaaS Micro services on Pivotal Cloud Foundry Platform* Existing Java/Spring application deep analysis and migration to Pivotal CloudFoundry Platform using Spring Boot and Microservices Patterns.
* Design, development and implementation of Continuous integration using Jenkins
* Architectural evaluation of BPM tooling Apache Activiti and migration roadmap.
* Designing Business Continuity and Disaster Recovery of Cloud Foundry as well as Configuration Services aiding migrated 14 PaaS applications.

**Client: Insight Enterprise Inc. (Feb 2016 To July 2016)****Senior Cloud Architect (Cloud Brokerage Services and Cloud Management Platform)**As a Senior Cloud Architect working to enable Cloud Brokerage Services using Cloud Management Platform. **Key Accomplishments*** Evaluation of IaaS Consumption Management Tools from Vendors like Cloudyn, Cloud Checkr, Cloud Health Technologies targeted to Microsoft Azure, AWS, IBM Softlayer and VMware vCloud Air
* Selection of Office 365 Management and Reporting products from Vendors like 4 Ward 365, 365 Command, Cloud Lock etc. and integrate with Insight’s Cloud Management Platform
* Evaluation of vRealize Automation Suite 7 for Professional Services with VMware.
 |
|  |
| **The Coca-Cola Company** |  | **11/18/2013 – 12/31/2015** |
| **Cloud Architect – (Mixed Hybrid IaaS/PaaS Cloud)**A role of Cloud Architect for Cloud Transformation and enablement project. Defining, evangelizing, envisioning Strategy and roadmap for Cloud Transformation as well as evaluation of cloud technologies. Cloud Providers considering are Microsoft Azure, Amazon, Google App Engine, Century Link Tier 3, and Verizon Terre mark Enterprise Cloud. **Key Accomplishments*** Performed architectural deep dive/evaluation & proof of concept for various Cloud Platforms like Google Compute Engine, Verizon Enterprise Cloud, VMware Air,
* Defined high-level strategy and positioning of IaaS and PaaS for cloud consumption.
* Prepared commercialization plan and operational roadmap while getting Cloud Providers Google, VMware, Amazon and internal enterprise as well as business architects engaged and collaborated.
* Exploring, researching, defining
	+ cloud and security solution patterns,
	+ cloud security policies to use on multiple clouds identity and access management,
	+ hardening enterprise images for various technology stacks,
	+ installing/configuring/automating shibboleth for Java/Tomcat technology stack,
	+ designing/defining/deploying identity and access management for VMware vRealize Automation using as well as
	+ preparing commercialization & operationalization strategy and roadmap for emerging technologies like Docker Containerization, Google Kubernetes, CenturyLink Panamax, CoreOS, etCD and ecosystem.
* Designed and implemented Shibboleth based SAML token authentication and authorization for J2EE/Linux and J2EE/Windows stack for Cloud Service Catalog on vRealize Automation.
* Defined, implemented and DevOPS guides governing policies for various technology stack images ( e.g. J2EE/Linux/Windows) patching, keeping it UpToDate
* Full green field deployment of vRealize Automation Suite 6.2.1 in distributed topology system architecture with Citrix Netscaler VPX 10.x, Alert Logic, and vRealize Automation Suite components like vRealize Log Insight 3.0 in Private Cloud as well as on CenturyLink Cloud Platform.
* Infrastructure as a code using AWS Cloud Formation Template, Python, Terraform, Puppet for various AWS infrastructure provisioning service catalog orchestration and configuration management toolset.
* Intake of real time customer data from various vending machines in public locations using AWS Kinesis streams and redirecting it to various analytics platforms securely, privately, compliant manner from AWS to private IaaS through Service Broker Public IaaS.
* Orchestration solution using IBM Orchestrator, Open Stack Heat Templates, vRealize Orchestrator 6.0 and vRealize Automation Suite 6.2.x for Amazon EC2 and IBM Softlayer.
* Design, architect, implementation and governance of VMware vCloud Automation Center 6.0/VMware vRealize Automation Suite 6.2 with vCenter Orchestrator / vRealize Orchestrator to provision and to orchestrate hybrid IaaS clouds from Public Cloud providers like Amazon AWS, Savvis CenturyLink Data Center and Private Cloud based on EMC VCE.
* Evaluation, architectural deep dive and governance review board walkthrough of Puppet using python and bash scripting.
* Design, implementation and documentation of SAML solution for Java and .Net Technology stacks to be provisioned in Public and Private cloud environment.
* Technology Evaluation as a part of Technology Review Board.
* Strategy Positioning, Commercialization, Operationalization and Governance process definition, implementation and documentation.
 |
| **Red Hat Inc.****Senior Consultant** **(Senior Systems Architect – J2EE Middleware)** |  |  **09/22/2012 – 09/16/2013** |
| Employed in a role of Senior Consultant, an Architect and Pre-Post Sales Engineer with various Open Source J2EE and Java as well as JBOSS and Fuse Assignments using JBOSS AS, JBOSS SOA-P, JBOSS Fuse, JBOSS Switchyard, Chef, Puppet, evangelizing SOA, DevOps, Open Source design, development and implementation strategy and deployment.**Key Accomplishments*** To consolidate various government data centers, as a Systems Architect for designed, developed and implemented JBOSS SOA-P based ESB to aggregate nationwide data for Federal Government Agency in clustered environment accessible securely by law enforcement end users while researching suspects using laptops in their automobiles. .
* In a capacity of SOA Enterprise Architect at Publicly Traded company developing cloud computing platform for small and medium businesses, evangelizing SOA Roadmap using JBOSS SOA-P products, defining, developing PoC and recommending development – deployment – runtime monitoring best practices using JBoss Operational Network and Chef-Solo & Vagrant.
	+ Defined and applied DevOPS guidelines and governing standards for Red Hat Linux technology stack image hardening and patching, keeping it UpToDate as well as chef recipes-vagrant files.
* As a Systems Architect at retail giant, architecting, designing and implementing DevOPS – CICD framework on VMware ESXi using Chef, Jenkins, Vagrant, Git, Maven etc
	+ Defined and employed DevOPS guidelines and governing standards for Red Hat Linux technology stack image hardening and patching, keeping it UpToDate as chef recipes-vagrant files.
 |
| **VMware Inc.** **Senior Solutions Consultant****(Enterprise/Senior Systems Architect)** |  |  **11/2011 – 09/2012** |
| Working in a role of Senior Consultant, an Architect and Pre-Post Sales Engineer with various vFabric/SpringSource Assignments using VMware vFabric, Core Spring, Gemfire/SQLfire. **Key Accomplishments*** Worked as an Enterprise Architect on EMC Common Integration Cloud to integrate Oracle Financials to SAP using Spring Integration, Core spring, Spring Batch, Sonic MQ, Gemfire and tcServer. Performed best practices and standards designing and implementation, code review and mentoring on Spring Integration and spring technologies.
	+ Prepared and employed DevOPS guidelines and governing standards for Windows and Redhat Linux technology image containing Spring Integration, SonicMQ, etc hardening, installing various agents, patching, keeping it UpToDate as build-deployment artifacts.
* As a Senior Consultant at Apple Inc., Cupertino, CA for device VMware Gemfire based Data Grid Platform strategy, designing and implementation of OpenStack private cloud as IaaS for Data Grid Platform on top of VMware ESX/VMware vSphere and Modernization of the existing products, designing/development online product store using spring and consulting on various existing web products.
	+ Prepared and employed DevOPS guidelines and governing standards for Oracle Linux technology image hardening, vulnerability testing and patching, deploying monitoring/antivirus/intrusion protection/antimalreware agents, keeping it UpToDate as well as Puppet Modules.
 |
| **Abhilasha Enterprise Inc.**  |  |  **08/2008 – 11/2011** |
| **Senior Solutions Architect** |  |  |
| A Technology Partner, a consultant and an Architect evangelizing, defining, adopting and implementing various Business Technologies from Open Source as well as from technology partners IBM, Microsoft and VMWare. **Key Accomplishments*** Research, evaluation and implementation of Cloud Platforms (Hybrid Clouds, IAAS, PAAS and SAAS) and offerings from Microsoft, IBM, VMWare, Amazon.com, SalesForce.com (Force.com), and open source cloud platforms like Xen Cloud Platform, Eucalyptus Cloud Platform and OpenStack Cloud platform.
* Continuous Partner (IBM, Microsoft, VMWare, Intel) relationship management.
* Acceptance of the firm in “IBM Global Entrepreneurship” Program and architecting, designing, developing the Smart Computing product using IBM Technologies like WAS, RAD, RSA, Java
* Designing, developing, implementing, optimizing and offering web site design, development and deployment. Configuring, utilizing and interpreting Web Analytics using various tool sets.
* Regular interaction with customer’s C and V-level executives, Enterprise Architects and Industry Leaders as well as communication with customer’s business management, quality assurance, business analysts and customer support management.
 |
| **Client: HiD Global** |  | **09/2011 – 10/2011** |
| **Senior Security & Portal Architect** |  |  |
| An Architect to design, to implement, to configure and to manage single sign on based on OpenLDAP/Trust Bearer to WebLogic Portal and Oracle Fusion Environment. **Key Accomplishments*** Install configure and manage Apache HTTP Server 2 based SSL enabled virtual hosts fronting to WebLogic Portal and Oracle Fusion SOA environment, OpenLDAP/Trust Bearer reverse proxy authentication against WebLogic Portal and Oracle Fusion SOA environment as well as design, implement and migrate existing WebLogic 10g and Oracle SOA environment to WebLogic 11g and newer Oracle SOA environment.
* Document, Communicate and present design and networking setup.
 |
| **Client: Intercontinental Hotel Group** **SOA Integration Architect** |  | **04/2011- 08/2011** |
| Worked as a SOA Integration Architect at Hotel, Travel and Service company handling large volume of customer transactions through FuseSource ESB/Apache Servicemix, J2EE, Apache CxF web services as well as architecting enterprise SOA SLA through event processing. Focused on SOA Infrastructure and Operations, SOA SLA and Governance and Services Design and Development. **Key Accomplishments*** As an SOA/Integration architect, envision, define, design, plan and deploy Infrastructure and application integration scenarios using either bus topology based services solutions or business process architecture – for short-term and long-term solution.
* Requirement Gathering, business requirements analysis, solution design formulation, developing high level architecture and technical specifications using industry standard design patterns and best practices.
* Designed migration strategy and architectural blueprint to improve performance, stability, maintainability, upgradability and scalability of ESB based SOA infrastructure. To achieve this architected migration from FuseSource ESB 3.5 to FuseSource 4.4 with adoption of SOAP/HTTP protocol with WS-Notification, WS-Reliable Messaging, SAML and routing in Cross-Data Center environment.
* Defined strategy to perform web services orchestration through BPEL and Apache Camel Routes.
* Comprehend the SOA & Integration related Governance process and standards in the company, and ensure that the suggested solutions and architecture is in compliance with Architectural Processes and seek appropriate process approvals for designs and data models for defined application solution packages.
* Understand existing infrastructure, services inventory and repository over FuseSource ESB/Apache Servicemix and outline the solution to optimize utilize existing infrastructure and software components.
* Solution Conceptualization, high level architecture and technical designing of Service Level Agreement policy and web services operational monitoring dashboards through complex event processing using open source tool called Esper, Java, Oracle, GWT/ExtJS/Comet/AJAX.
* Plan and design migration of existing FuseSource ESB 3.x to FuseSource ESB 4.x along with JMS/SOAP to HTTP/SOAP based services in different data centers.
* Forward thinking SOA infrastructure and SOA SLA to enable for high volume transactions and supporting increase in services consumer partners.
 |
| **Client: Ventyx, an ABB Company** **Senior J2EE/SOA Security Architect** |  | **03/2010- 04/2011** |
| Performed duties functioning as a J2EE/SOA architect analyzing product functionality requirements, designing solutions, developing prototypes and frameworks, directing development and implementation as well as evaluating web/UI technologies for enhancing product usability and user experience. **Key Accomplishments*** Formulation of solution conceptualization, design, planning, Installation, configuration and management of Sun OpenSSO with Sun Directory Server on WebLogic Application.
* Conceptualized, designed and implemented Apache CxF based architecture to integrate with Single Sign on Infrastructure using SAML Single Sign on Profile standards.
* Design and Development of ExtJS, Java based UI components on JBoss Server later deployed to WebSphere, WebLogic or OC4J application servers depending on Customers environment.
* Implementation of single sign on using Sun OpenSSO using Web Agents against Energy/Utility Product which is deployed on WebSphere Application Server with Apache HTTP Server as a reverse proxy.
 |

|  |  |  |
| --- | --- | --- |
| **Client: S1 Corp.****Senior Solutions Architect** |  | **12/2008- 02/2010** |
| A solutions architect providing technical leadership and handling responsibilities to implement various functional aspects of banking system, to integrate with various real time transactional systems, to design and to develop high level components and to co-ordinate efforts among onsite product engineering team, quality assurance, business analysis, hosting and off shore development team. **Key Accomplishments*** Conceptualize and define an end-to-end solution for data intensive, high volume, transactional large, complex, financial banking online systems either on premise data center or in hosted data centers in High Availability configuration enabling software failover and Scalability to manage high volume online transactions as well as batch jobs to fulfill workflow and business process.
* Performed requirements gathering, business requirements analysis, solution design formulation, developing high level architecture and technical specifications using industry standard design patterns and best practices.
* Integration of distributed applications for banking needs providing Single Sign on from Online Banking application. Used SAML, WS-Security Standards, SSL certificates, WebSphere, AIX and J2EE
* Designed, Developed and deployed “Security as a Service” (Two factor authentication using soft tokens as well as hard tokens ) SaaS solution using RSA Authentication Manager SDK Java API against RSA Authentication Manager.
* Implemented RSA Authentication Manager 7.1 to perform secure transactions through banking application
* Installed and configured RSA Authentication Manager 7.1 on Windows 2003 Enterprise.
* Integrated RSA SDK based application with RSA Authentication Manager at Enterprise level spanned across Extranet based on different protocols like SOAP, UDP, WebLogic T3/T3S
* Design, development, implementation and co-ordination of development activities for RSA Authentication Manager SDK based adapter using Tomcat, J2EE, RSA SDK and Apache Axis based web services to manage Money Transfer Workflow based on RSA hardware based token.
* Deployment of banking system on AIX-Websphere-DB2 and integration with various real time systems like multi factor authentication, wire transfer, daily banking transactions, bill pay and check images etc.
* Regular interaction with customer’s C and V-level executives as well as communication with customer’s business management, quality assurance, business analysts and customer support management.
 |
| **McKesson Provider Technologies** |  | **5/2008 – 08/2008** |
| **Software Architect**  |
| Worked as an architect and an engineering lead for Physician Portal developed using J2EE/JSR 168/AJAX. This is deployed in Vignette application portal 7.x, on J2EE Application Servers (like WebLogic, WebSphere and JBoss) and multiple Operating systems (like Red Hat Enterprise Linux, Windows, AIX, HP-UX etc.)**Key Accomplishments*** Evaluating performance monitoring software and appliances like BMC Patrol, Wily Introscope Browser Response Time Adapter, NetQoS nGenius Appliance, OmniCenter Appliance etc.
* Providing hands on active performance monitoring, tuning and application optimization for Physician portal deployed in various hospitals. Using multiple tools like Wily, BMC Patrol, Load Runner, jProfiler, Mission Control, Samurai etc.
* Deployment of Horizon Portal (Healthcare portal) on JBoss Server later deployed to WebSphere, WebLogic or OC4J application servers depending on Customers environment.
* Mentoring team members to design and to develop JBoss Application Server based SOAP oriented document style web services using WS-Reliable Messaging on Oracle to be consumed by C# clients on windows.
* Defining and executing policies and processes on performance baseline, capacity planning and application response time for physician portal deployed on RHEL, WebLogic, Vignette, Oracle 10g RAC using HP Mercury Load Runner, e-j technologies jProfiler
* Presentation and communication with customers' CIOs, Enterprise Architects, V-Level executives, product management and engineering management.
 |
| **BEA Systems, Inc.** |  | **5/2007 to 5/2008** |
| **Principal Consultant** |
| As part of BEA Worldwide Consulting executed projects that accelerated time-to-value for customers by ensuring key initiatives up and running faster – achieving business results in the required time frame, controlling implementation and operational risks, reducing overall cost-of-ownership, and ultimately help customers achieve a faster and larger business return.Executed multiple strategic enterprise-wide projects, which entail selecting and evaluating new technologies, designing new systems, and integrating with legacy systems. Provide thought leadership and publish technical white papers on behalf of BEA. Mentor new consultants on both technical and consultative skills.  |
|  | **Key Accomplishments** |  |
|  | Client: Workflow portlet interfacing business process management system and Portal Implementation for Web-conferencing telecommunication incorporation (**Intercall Inc., Atlanta, GA**)* Integrated WLP 10 MP1 and ALBPM portlets to fulfill Account Creation Business Process and complete workflow by registering Customers in Salesforce.com cloud using web services.
* Developed Web Services consumer to consume web services layer in JPF Portlets to integrate ALBPM and ALDSP services which are exposed using Aqualogic Service Bus. Utilized WS-Security Standards for authentication and authorization at ALBPM and ALDSP.
* Deployment of ALBPM/ALDSP integration with Salesforce.com
* Mentoring employees and architects on WebLogic and Aqualogic products.
* Establishing and troubleshooting communications between WebLogic portals and remote ALBPM portlets.
 |
|  | Client: Intranet based medical research project management Portal Implementation for Medical and pharmaceutical research incorporation ( **Quintiles Inc., Raleigh/Durham, NC**)* Mentoring employees and architects on WebLogic and Aqualogic products.
 |
|  | Client: Application Server Cluster Stabilization (Out of Memory), optimization and performance tuning for Cable Television and high speed internet Conglomerate incorporation (**Comcast Inc., Philadelphia, PA**) |
|  | Client: Application Server Stabilization (Out of Memory), optimization and performance tuning for Retail Utility Conglomerate Business (**P & G, Cincinnati, OH**) |
|  | Client: Portal Stability, Performance tuning and optimization of Web-Conferencing Telecommunication (**Intercall Inc., Atlanta, GA**)* Preparation of recommendation documents, step by step customized performance tuning tips/tricks, etc.
* Maintained continuously open channel to communicate between BEA, Client & team, various onsite business partners and product vendors.
 |
|  | Client: Performance Tuning and Optimization of Banking Application (Federal Government Banking Industry) (**FHBL, Atlanta, GA**) |
|  | Client: Customer Service and Billing System WebLogic Cluster designing (**Community owned Government Company serving electricity, water and sewer services, Jacksonville, FL**)  |
|  | Client: Asset Management System and WebLogic Performance Tuning and Optimization (**Community owned Government Company serving electricity, water and sewer services, Jacksonville, FL**)* Mentored administrative team for the best practices on administration. Also showed how to create WebLogic cluster to utilize the power of application server and underlying infrastructure.
 |
| **Keane Inc.****(Client: CareFirst)** |  | **10/2006-05/2007** |
| **Solutions Architect** |
| In a role of Solutions architect performed various duties from defining solution, preparing & getting approval for the solution through architectural review board, designing architectural components and implement technical design with co-ordination and communication with Project Management Office, Business, Infrastructure and Development teams. Also, performed PoCs using technologies and tools like TIBCO Business Works, TIBCO Active Database adapter, Amberpoint and Systinet registry |
|  | **Key Accomplishments** |  |
|  | Critical back office enterprise integration and SOA implementation/enablement project (Health Insurance Industry) (**CareFirst/Blue Cross Blue Shield, Owings Mills, MD**)* In a role of a Solutions Architect at a healthcare Insurance client worked on critical back office enterprise integration and SOA implementation/enablement project.
* Driven definition, design & Development of enterprise integration & SOA architectural solutions.
* Defined solution to interface loosely coupled enterprise components and/or business services using Application Server (WebSphere) and ESB (TIBCO Business Works) Service Registry (Systinet Registry),
* Prepare project estimates, define resource requirements, analyze architectural readiness of project and provide architectural support to Service Delivery Manager for successful completion of project.
* The objective of Healthcare System project was to upgrade existing TriZetto Facets – from 2.96 - enrollment and billing system to the latest version - 4.31. The existing system has home grown ecosystem using its own point to point integration achieved through flat files and batch processes. To meet objectives,
	+ migration of enrolled subscriber database from Sybase ASE to Oracle 10g RAC,
	+ enablement of deep data integration while achieving high level decoupling from proprietary data model and
	+ re-architectural transformation of file transfer based, scheduled batch jobs oriented tightly coupled applications to loosely or mostly de-coupled Services using Services, ESB and data services layer over Facets proprietary.
 |
| **Covansys**  |  | **1/2005-9/2006** |
| **Technical Manager ((Strategy & Architecture) (IT Architect)** |
| In role of IT architect defined, designed, developed, implemented and optimized Portal application for Investment Management Client which is getting used by 1700 service representative from different geographical locations in various work shifts. |
|  | **Key Accomplishments** |  |
|  | Customer Service Rep Portal Design, Capacity Planning, Implementation and Performance Tuning and Service Oriented Architecture Initial Phase (Investment Management Industry) (**T. Rowe Price, Owings Mills, MD**)* Evaluation of Portal UI Technologies like Struts, Java Server Faces and IBM Faces Client for Financial Investment Firm Project
* Evaluation of Systinet Registry, IBM WebSphere Registry (UDDI 3) for Investment firm’s SOA enablement initiative
* Evaluation of performance tools like Wiley Introspect/Portal Manager, Quest jProbe and e-j Technologies JProfiler to integrate with WebSphere Portal and Rational Application Developer
* Actively provided architecture, designing and technical recommendations to WebSphere Portal based Customer Rep Desktop system for Investment Management Customer. Using IBM RAD, JSF, JSP, IBM Portlets, AJAX, WebSphere Portal, WebSphere Application Server, AIX, Solaris, DB2, EJBs, Async Beans. This n-tier distributed portal application has 11 (MVC) portlets with JSF & AJAX as view part getting model beans from business delegate (design pattern ) which interacted with DAOs, Session Façade (using service locator pattern) to interface with EJB services which are wrappers on various enterprise back office applications & repositories. In case of portlets which required displaying different accounts and related funds information from multiple data sources, Async Bean had been used. This project was successfully deployed in production and utilized by 1700 customer service representatives improving customer satisfaction, customer loyalty and enhanced productivity of customer service reps.
* Defined architecture, designing and technical recommendations for WebSphere Portal based Literature Request system for Investment Management Customer. Using IBM RAD, WebSphere Portal, JSF, JSP, AJAX, IBM Portlets, WebSphere Application Server, AIX, Solaris, DB2, EJBs, Async Beans.
 |
| **MetLife**  |  | **5/2003-01/2005** |
| **Principal Consultant** |
| Executed multiple strategic enterprise-wide projects (various insurance departments) which entail selecting and evaluating new technologies, designing new systems, and integrating with legacy systems. Provide thought leadership and publish technical white papers as a part of Institutional Architecture.Mentor fellow team members on various technical skills. Worked on key initiatives’ like SOA enablement and Portal adoption for improved productivity. |
|  | **Key Accomplishments** |  |
|  | Portal Desktop for insurance workflow applications, Service Oriented Architecture enablement and BI Reporting tool Implementation (Insurance Industry)* Evaluation of reporting tools like Crystals Reports, Cognos Reporting server for Finance project
* Served in roles of Architect, Lead Designer and Lead Developer on multiple projects.
* As an architect, performed technology evaluation, provided technology selection recommendations, defined SOA governance (Design, implementation and runtime), & architectural guidelines for Services and application architecture
* Successfully proved various architectural concepts developing PoCs using Java and Web Sphere technologies.
* Setup best practices & measures for performance and application quality.
* Lead web services initiative as an application architect. Actively involved in defining and implementing SOA governance (Design, implementation and runtime) and technology evaluations like Systinet Registry, Amberpoint etc.
* Designed and developed composite annuity web services provider to enable access to legacy platform (Mainframe, CICS, COBOL, VSAM, and DB2) and to free “jailed” client data on those platforms. Used industry standard design patterns like adapter pattern, command pattern, request-response pattern. Utilized J2EE, Web Sphere, JAXB, DOM4J, MQ Series, Web Services (SOAP, WSDL), CICS and DB2 on Solaris and mainframe etc. technologies for implementation. Successfully deployed and show cased the services on WebSphere. Design and built interfaces to interact between J2EE application and Mainframe. This was achieved by communicating sync COBOL copybook message over MQ Series to COBOL program which received by COBOL program on Mainframe to invoke CICS transactions.
* Design, Installation, configuration and administration of Cognos ReportNet on Windows NT with MS SQL Server, IBM DB2, IBM Web Sphere Application Server and MS IIS for three different departments (Retirement and Savings, Long Term Care, Underwriting).
* Architecting data warehouse for Retirement and Saving department on Sun Solaris using Informatica, Actuate, and Cognos Products with DB2UDB backend
 |
| **IBM Global Services** |  | **11/1999-04/2003** |
| **Senior Software Engineer, Tem Lead, Designer, Architect** |
| Work onsite closely with customer in different vertical domains like telecommunications, automotive and credit card industry.Designed, developed and implemented real time solution in automotive plant factory environment using analog devices like automotive vehicle and paging system. This solution was redundant, fail-proof and cluster enabled which was developed using pure Java and Object C++ to connect to AVS, AVP and Printers. |
|  | **Key Accomplishments** |  |
|  | Client: Marketing Portal and Content Management (Telecommunication Industries) (**Lucent Technologies, Parsipanny, NJ**)* Managing customer center portal (Lucent.com) using Vignette Story Server, Verity K2 Tool kit, Java, Perl, Oracle, Apache Struts, ApacheLog4J on Sun Solaris.
* The Lucent.com Portal is the access point for all Lucent.com eBusiness services for Customers and Business Partners. This includes fully integrated access to Commerce transactions, Configurators, On Line Customer Support, as well as public and private delivery of pre-sales document and Offer content.
* Evaluation of portal management servers like Vignette 6.0, my SAP Portal, and IBM WebSphere Portal 4.1 for united portal Initiative about Lucent.com. Designed and developed a proof of concept using various available tools in these portal management servers.
 |
|  | Client: Real Time Automotive System – In Plant Label Printing (Automotive Industries) (**Ford Automotive Inc., Detroit, MI**)Developed and implemented multi-threaded, fail-safe, clustered controlled, real time automotive system which performed automation of the car assembly plant label and invoice printing for Ford. Implementation technologies were Java, JSP, Servlet, and IBM WebSphere Application Server on IBM Netfinity with Windows NT Enterprise Clustering.  |
|  | Client: Financial eCommerce WebSite (Credit Card and Financial Industries) (**American Express, Phoenix, AZ**)* Worked on financial e-commerce system to allow credit card users to manage their information for American Express using (AmericanExpress.com) - JSP, Servlet, Netscape Enterprise Web Server, IBM WebSphere Application Server, IBM Visual Age for Java, NT (development Platform) / Sun Solaris (deployment platform).
* Design and development of financial e-commerce system for credit card users to maintain their information for American Express (AmericanExpress.com) using - ASP, XML, COM/DCOM, VC++, MTS, IIS, Sybase on Windows NT.
 |

**Education & Certifications**

|  |
| --- |
| University of Poona, MCM (Masters in Computer Management) - 1995 |
| University of Poona B.Sc. (Computer Science) – 1993 |
| University of Poona B.Sc. (Electronics) - 1989 |

 **IBM Certifications:**

IBM WebSphere Application Server Network Dep v7.0 Core Admin

Test 253, IBM WebSphere Application Server, Network Deployment V6.1, Core Administration

 **Microsoft Certifications:**

TS: Windows Small Business Server 2008, Configuring

System Center Virtual Machine Manager, Configuring

TS: Windows Server Virtualization, Configuring