**Sandip Sharma**

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**Professional Summary:**

* More than 17 years of experience in design, development, testing and implementation of UNIX based applications with In-Depth knowledge in J2EE platform with Oracle Domain and has 9+ years of experience Leading the team.
* Functional experience includes Telecom domain ,Healthcare domain, Financial domain,Travel domain, Law Enforcement and Commercial Applications.
* 7+ years of experience with Telecom Industry including Verizon, AT&T, Nokia Siemens Networks, Ericsson.
* Strong skills include **Java/J2EE, JSP,JPA, JEE, Hibernate, WebServices,Cloud,SOAP/REST, JSF,EJB 3.0,Spring 3.2, Spring WebFlow 2.0, Spring Boot 1.5.10, Micro-Services, AWS, JUnit, Python, Spring Data JPA, XML, XSD, HTML, JQuery, AJAX, Servlets, Struts, SNMP,UNIX, Oracle, Mongo DB**
* Strong working experience in Design, Development of several Web-based Applications using open source frameworks such as Struts and Spring.
* Proficient in creating and consuming SOAP and Restful Webservices.
* Used XML parser (SAX, DOM & STAX), XSL, XSLT for sharing information between heterogeneous systems.
* Hands-on experience in IDE Tools: JBuilder, Eclipse,RAD, RSA.
* Experienced in CVS, JUnit and also Maven and Ant.
* Experience in application and web servers such as Websphere, Weblogic 8.1/9.2/10.3, Apache Tomcat 4.0, JBoss and SunOne.
* Expert in **agile/scrum/DEVOPS** software development and release management with delivering enterprise applications through multiple release cycles.
* Experience in database languages i.e. SQL, Stored Procedures, PL/SQL and Functions. Knowledge of PL/SQL and Database Systems. Worked on Oracle 9i/10g, SQL Server, DB2, MySQL and Informix
* Excellent Communication and Interpersonal Skills with Strong Technical and Analytical reasoning ability.

**Technical Skills:**

**Programming Languages** Java, C, C++, Javascript,Unix Shell Script, ANT, Drools 5.0, Python

**Internet Development**  Java, J2EE,JSP, Servlets, Java Script, WebServices SOAP/REST, AJAX, XML, Junit, Micro services, JPA, CSS, XML Beans, XSD, JSF, SpringWebFlow 2.0, Quartz Scheduler, ESB Mule, Apache CXF 2.5, JSON, STS, JEE,HTML 5.0,CS,Python, Angular 5, NodeJS

**DBMS** Oracle 8i/9i/10g, SQL-Server 2005, Access, Informix, Mongo DB

**Server** Weblogic 10.3, Websphere, Apache Tomcat, JBOSS

**FrameWork** Struts 1, Struts 2, EJB 3.0, Hibernate, Spring 2.5, Spring 3.1, Spring 3.2,

 Spring Boot 2.0, Swagger, Spring Data JPA.

**Operating System** UNIX, Win 2003/XP/2000/NT, MS DOS

**Miscellaneous** Smarts CVS 7.0, Apache Maven, SS7,SNMP, Agile, SCRUM, MQ Series

**Professional Experience:**

**Employer: Compunnel Software Group Aug 2010 - Till Date**

**Provider Connect/PCP/PDS for Blue Cross Blue Shield (Florida Blue), Jacksonville FL**

**Lead Developer Sep 2018 – Till Date**

**Provider Connect is application used by Practitioners, Providers, Groups with exchange of information from Availity. PC Migrations is project used to migrate/rewrite the Self Service and Common Services with Micro services using Spring Boot architecture with Red Hat Open-Shift Cloud Foundry. PCP is primary Care physician application for auto-assign and individual request for member to facilitate zip code/florida blue number search for providers. Provider Data Services is orchestration of OPD,Providers,SharedServices Information.**

**Responsibilities:**

* Created Micro Services ie GroupMaintainence service, Letter of Interest service which provides the Practitioner,Providers, Payment Location, Service Location, Staff Member data for Individuals, Facility and Group segments insert/Update transactions using Spring Boot Framework and DB2.
* Created GetContacts Microservice for Common Services which fetches data for Florida Blue Number, Service Location Enrollment, Payment Location, Provider, Contacts, Contacts Communications.
* Created GetHospitalPrivileges Microservice for Common Services which fetches data for Florida Blue Number, Hospital Privileges, Payment Location, Provider, Contacts, Contacts Communications with SpringBoot, NoSQL Mongo DB.
* Created GetContractPayee Microservice for Common Services which fetches data for Florida Blue Number, Contract, Payment Location,Contract Payee, Service Location Provider with SpringBoot, NoSQL Mongo DB.
* Created PAR Service and converted CopyBook format to JAXB and processed business logic after getting data from MongoDB collections while listening through MQ Message.
* Created PCP Mongo Refresh using Mongo Insert/Update calls, PCP Microservices using Spring Boot.
* Created MongoDB configurations in Microservices and wrote complex logic of retrieving and merging entity data from collections.
* Created modifications in PCP List service for network hierarchy string implementation.
* Used NoSQLBooster to view the Table,Tree, JSON formatted data for NoSQL Mongo DB.
* Re-used JAXB Objects to store the Request/Response Data. Service accepts JSON and XML input requests.
* Used Spring Data JPA for Persistence I.e Insert/Update operations.
* Used Java 1.8 advanced features ie Optionals, Streams, Filters.
* Worked on Production Data Patch ie Phone Update patch, Individual Service Payee modifications.
* Implemented Splunk Logging for the whole common-services,self-services.
* Implemented GetProviderDetails/EPS service using NodesJs,GraphQL,PostGreSQL,Elastic Search,Kibana,Log Stash

**Environment:** Java 1.8, J2EE, Spring Data JPA, SOAP Services, Swagger, RedHat OpenShift Cloud Foundry, Microservices, Kubernetes, Splunk, Spring Boot 2.0, Spring Core, DEVOPS, GIT, Jenkins, Oracle 12, SQL Developer, TOAD, DB2, NoSQL Mongo DB, NoSQLBooster, Gradle,NodeJs,GraphQL,PostGreSQL,Elastic Search,Kibana,Log Stash.

**Coffee Engineering (WFM) for Verizon Data Services, Tampa FL.**

**Lead Developer Feb 2016 – Aug 2018**

**560 Decommission is a project for decommissioning the Verizon Site in NY. It involves SNM(Sub Net Manager) Migration, PVC and NNI connections migration to other sites. Vendor DashBoard/Vendor Portal is data uploaded by vendor. Worked on Mobile Application Development for Equipment Zero Fill Devices.**

**Responsibilities:**

* Created Micro Services ie GetPVCNNIDetails, GetCustomerAccessPVCS, GetAuditMigrationSessionPVCS, GetNNIDetails, GetNNICameoDetails, GetSNMSessionEFCVLANIPS, getEFCVLANIPS, createCase,GetRemarks,Notification,Approval Services using Jersey.
* Implemented the complex logic of merging the data in DAOImpl layer using LinkedHashMaps,Lists.
* Designed the DTOs to get the output in expected JSON format using GSON.
* Modified the Site Survey AWS AdvancedNFIDSearch services for retrieval of Surveyor Name, Site Survey, Attachment attributes.
* Converted the existing restful APIs in Common Services to Microservices using Spring Boot.
* Used Spring Data JPA for Persistence.
* Created GSAM Access as Custom Widget, Add/Get Comments and Made POST/GET AJAX Rest Service Calls in Controller.
* Used JAVA 1.8 features with Gradle Build.
* Created Automation for HotCut Flow, PreBuild Flows, InitiateOrder Action Flow, OneNetwork flows ie. ULH and OTN Networks for DWDM,Wave Circuits Diagrams using Bonita BPM.
* Provided Production Support.
* Created Microservices for Vendor Dashboard file upload,Vendor Portal data. Created Task Executor to process background job using Spring Boot. Created Scheduler to keep database connection alive on Cloud Foundry.
* Created Microservices for Mobile app for Decommissioning Equipment Zero Fill Devices i.e getStates,getDeviceSummary,updateDeviceSummay,updateBuildingCLLIData,createNFID,createMastars,createCCP using Java 8.
* Modifications in code using Angular 5 for UI components and validations.
* Consumed Rest API’s and created package.json, server and routes JS files using Node.JS,Visual Studio.

**Environment:** Java 1.7,Java 1.8, J2EE, REST Services, Spring Data JPA, SOAP Services, Swagger, Pivotal Cloud Foundry, Microservices, Angular 5, Eureka, AWS, Spring Boot 1.5.10, Spring Core, DEVOPS, GIT, Jenkins, JIRA, Bonita BPM 7.2.2 Subscription, Confluence, Oracle 11, SQL Developer, Weblogic 11, Gradle, STS,Visual Studio Code 1.27.2,Node.js 8.9.3.

**Project: Document Editor**

**Client: Blue Cross Blue Shield of Michigan, Detroit MI**

Period: Jul 2015 – Jan 2016

Designation: Lead Developer

Environment: Java 1.7, J2EE, Rational Application Developer (RAD 8.5), EJB 3.0, Spring MVC, JPA, JQuery, AJAX, JSTL, HTML, Prototype js, Oracle 10g,TOAD

Document Editor is Visual Basic rewrite desktop application converted to Web Based Enterprise application in Java, JEE. BCBSM has legal documents which are managed by business users.

**Responsibilities:**

* Designed the Doc Editor mock screens using WireFrame.
* Designed the Logical View, MAD (Master Application Document) , Data View Design documents using sequence diagrams, class diagrams, activity diagrams in RAD.
* Responsible for UI development/validations using JQuery, AJAX, JSP,JSTL.
* Created the Spring Servlet configurations, MultiAction Controllers with different methods mapped from configuraton file.
* Created Service layer, UI and Backend layers for fetching data using LookUp tables with DAOs.
* Created end to end functionality for Add Version, Add File, Export To Excel, Load Document, Marketing Status, Reference Documents, Preferences and Edit/Save using Spring MVC.
* Created from scratch search/Advanced Search functionality, Load,attribute view, TreeView Nodes functionality using Spring MVC, J2EE.
* Persisted the entity objects using JPA in Oracle database.

**Project: PMT-II**

**Client: Blue Cross Blue Shield (Florida Blue), Jacksonville FL**

Period: Feb 2015 – July 2015

Designation: Lead Developer

Environment: Java 1.7, J2EE, Rational Application Developer (RAD 8.5), EJB 3.0,CDI, JPA, Subversion, Websphere 8.5, JSF, RichFaces, JQuery, AJAX, HTML, JavaScript, DB2.

Web Customers search for quotes from Erate application which calls SBC which fetches information from PMT. PMT is used by various interfaces such as e-Rate, SBC, DCE, Siebel, ICB, DIS to get complete details of HealthCare Plans,Pharmacy,FHCP Plan,Vision, Dental and StandAlone Dental/Vision Plans. The project involves re-writing of code to improve performance as well as addition of new features.

**Responsibilities:**

* Designed and developed RXCostShare, RxBenefits, UM Programs, Product Rules, Plan Benefits with CRD Selector, Integrated Dental Plan enhancement etc using J2EE, JPA.
* Responsible for UI development/validations using JQuery, RichFaces and worked on AJAX action event handling.
* Persisted the entity objects using JPA.
* Worked on defects for entire PMT application using Java/J2EE.
* Worked on Production support issues.

**Project: SPR Mobile & PCS**

**Client: CSX Technology, Jacksonville FL**

Period: Apr 2014 – Jan 2015

Designation: Lead Developer

Environment: Java 1.7, J2EE, Primeface 3.5, Spring 3.2, HTML 5.0, RAD, CSS, AJAX, SOAP Web Services, EJB 3.0, JavaScript, JQuery, JSF, JavaScript, DB2,Oracle,WebSphere 8.5

PCS is the application used to view CSX customer data.It has features ie Customer Dashboard, Case Details, Inquiry Details, CRM Link, Plant Profile & Inventory Management, Customer Search. SPR Mobile is application used to view Summary, Create Case, SearchByCalls.GetInquiry Details and Get Case Details etc.

**Responsibilities:**

* Responsible for Enhancement of PCS application using Java, JSF Framework.
* Created AddResponse, GetInquiryList, SearchByInquiry, SearchByCase, SearchByEquipment,SearchByCustomer, GetInquiryDetails & GetCaseDetails SOAP Web Services for SPR Mobile.
* Implemented Plant Profile Search,Plant Profile & Inventory Mgmt Details features using Java, Ajax,Primefaces,JavaScript.
* Created CRM link from Dashboard Customer/Location level to fetch details using JAVA.
* Invoked Stored Procedure calls from Java DAOs in SPR Mobile & Other PCS modules.
* Worked on ShipCSX Plant Switch Enhancement using Java.
* Responsible for UI validations using JQuery andworked on AJAX action event handling in PCS.
* Responsible for Enhancement of CAS, OAUTH2 Authentication code.
* Worked on Production support issues.

**Project: PMT**

**Client: Blue Cross Blue Shield (Florida Blue), Jacksonville FL**

Period: Jan 2013 – Mar 2014

Designation: Software Developer III

Environment: Java 1.6, J2EE, Spring 3.2 (MVC), JAX-WS, JAX-RS, Web Services SOAP/REST, Rational Application Developer (RAD 8.0), JMS, EJB 3.0, SoapUI, Subversion, Websphere 7.0, JSF, RichFaces, JQuery, CSS, AJAX, Hibernate, HTML, JavaScript, DB2.

Web Customers search for quotes from Erate application which calls SBC which fetches information from PMT. PMT is used by various interfaces such as e-Rate, SBC, DCE, Siebel, ICB, DIS to get complete details of HealthCare Plans,Pharmacy,FHCP Plan,Vision, Dental and StandAlone Dental/Vision Plans. It is integrated for HealthCare Exchange for Affordable Care Act (ACA).

**Responsibilities:**

* Created Technical Design Documents for implementation of new features/enhancements.
* Responsible for PMTConnect web services enhancements for GetPlans, GetPlanDetails, GetProducts, GetUMPrograms.
* Created New WebService GetPlanBenefits from scratch to implement the Plan Benefits,Matrix Abbreviations,BenefitMax,Product Rules at benefit Level, Product Rules at Plan Level, Plan Level attributes,CostShare, DefaultCostSharedisplay when not configured by user thereby sending complete benefits from templates.
* Created Batch Programs for GroupVision and SiebelIDISMapper using Spring MVC.
* Resolved the DIS issues for calling PMTConnect webservices with security credentials in Header.
* Implemented HIOSID(On/Off Exhange),AlphaPrefix(On/Off Exhange),GLID as business logic in PMT-Core for Exchange Plans using JSF,RichFaces.
* Responsible for UI validations using JQuery and worked on AJAX action event handling for Plan Management.
* Persisted the entity objects using hibernate.
* Responsible for Enhancement of J2EE code for improving performance for GetProducts PMTConnect services. Improved response time from existing 48 secs to 9 secs.
* Created RestFul API ie GET operation for UMPrograms.
* Worked on Production support issues.
* Used utility for JAXB Marshalling and Un-marshalling for the above operations.

**Project: Enterprise Orchestration**

**Client: Mariott Vacation World-wide, Orlando FL**

Period: Aug 2012 – Jan 2013

Designation: Senior J2EE Developer

Environment: Java 1.6, J2EE, Spring 3.1 (Core and AOP), Apache Maven, JAX-WS, JAX-RS, WebServices SOAP/REST, Rational Application Developer (RAD 8.0), JMS, Apache CXF 2.4, SoapUI, Apache Tomcat 7.0, Subversion, Websphere 8.1, STS, JUnit, Spring Mock.

Enterprise Orchestration is management of Reservation, Lodging, Enrollment services for the Mariott Vacation Club online booking requests from the web to middleware to timeshare,marsha systems.

**Responsibilities:**

* Created RestFul WebServices ie GET, PUT, POST, DELETE operations for Payment systems.
* Used utility for JAXB Marshalling and Un-marshalling for the above operations.
* Implemented Exception Mapper for exception handling and Spring AOP Logging for web services.
* Used Mozilla Poster Plug-in for PUT, POST and DELETE services.
* Created Header requests for version validations.
* Implemented Enhancements for SOAP Web services ie. Search, Confirm, Search Many operations for Reservation services.
* Created and configured JMS Queues to drop Messages in WebSphere Application Server.
* Created JUnits for Lodging,reservation services and JMS Queues.

**Project: High Availability (CDE) Effort**

**Client: State Farm Insurance, Bloomington IL**

Period: Feb 2012 – July 2012

Designation: Senior J2EE Developer

Environment: Java 1.6, J2EE, Spring 3.1 (Core and AOP), Apache Maven, JAX-WS, JAX-RS, WebServices SOAP/REST, ESB Mule 3.0, Rational Software Architect (RSA 8.0), JMS,Apache CXF 2.5, SoapUI, Apache Tomcat 7.0, Subversion, Websphere 6.1, STS, PostGres SQL, JUnit, Spring Mock, Hibernate, Groovy,Python.

State Farm is implementingjava request framework (JRF) in BAF (business apps framework) for High Availability (CDE) effort.

**Responsibilities:**

* Created RestFul WebServices for GetRequestDetails, UpdateProductDetails and used JSON, JAX-RS annotations with Apache Maven dependencies.
* Created SOAP WebServices for Create Request, Create-Form Request, InsertWIP operations and used JAX-WS.
* Implemented Mule ESB component for inbound/outboundrouting requests to different webservices and created Exception Handling mechanism using transformers.
* Created and configured JMS Queues to drop Messages in WebSphere Application Server.
* Consumed Message in the Queue to trigger the Application code.
* Developed Product Model Management Tool Validators ie Property, Structural and Rule Validators in Spring Framework .
* Responsible for UI validations using JQuery and worked on AJAX action events in PMMT.
* Created Restful webservices for Search Summary.
* Persisted objects in database using Hibernate.
* Created Agents Quality Monitoring Tool using Spring Framework.
* Created SOAP Webservices for Batch Processes Requests.

**Project: FALCON IMRP**

**Client: FDLE, Tallahassee FL**

Period: Mar 2011 – Feb 2012

Designation: Senior J2EE Developer

Environment: Java 1.5/1.6, J2EE, Spring 2.5 (Core and AOP), Spring 3.1, JSTL, Maven, CSS, Spring WebFlow 2.0, EJB 3.0, Hibernate 3.0, Quartz Scheduler, SQL, JOSSO, IMAP, SMTP, Display Tag, iText, Weblogic 10.3, ANT, Eclipse Helios, Shell scipt,UNIX, Java Script, Oracle 10g.

The FDLE has a web interface that allows customers to manage their own prints.It is anticipated that three agencies (Agency for Health Care Administration, Department of Children and Families, Department of Elder Affairs) could have over 400,000 applicant fingerprints they could elect to retain. A benefit of retained fingerprints at FDLE is that these applicants/employees will not have to be fingerprinted again.

**Responsibilities:**

* Works independently using J2EE, Spring framework.
* Provide guidance to other developers.
* Performs analysis and troubleshooting of system defects and issues and keeps commitments.
* Uses defined procedures to configure and debug software for Transaction Management features using Spring AOP.
* Investigates, analyzes and resolves problems on Profiles/Role Management/Report/Applicant Search modules/FBI Resubmission/Manage Notifications etc.
* Created new modules for eGov/CJIS interfaces such as TenPrint Matcher, SID Interceptor, FBISubmissionInterceptor,SID Comparator, FBI Resubmission etc and worked on interceptors.
* Used Spring AOP module to handle transaction management services for objects and also logging and exception handling.
* Used Spring JDBCTemplate and Spring JNDITemplate mechanism and implemented using Hibernate.
* Provided enhancement with other interfaces as BlackBox Plus, RAPIDID, FBI, RISC,FCIC etc.
* Implemented Applicant AFIS transaction feature for manual consolidation Queues, applicant discrepancy and auto consolidations with reference to several business rules according to the requirements using Spring AOP and interceptor stacks and rules.
* Created feature for managed notifications using JMS queues.

**Project: NGPC**

**Client: Verizon, Tampa FL**

Period: Aug 2010 – Feb 2011

Designation: Senior J2EE Developer

Environment: Java1.5, J2EE, JSF, Drools 5.0,Spring 2.5.6,JAXB, WebServices SOAP/REST, JAX-WS, XML, XSL, SAX, DOM,CVS, XML Beans, Junit, JSTL, HTML, CSS, Apache commons, JPA, Hibernate, SQL, Log4j, JBOSS 5, MQ Series, Weblogic 9.2 & 10.3, ANT, Agile, Eclipse Helios, Shell scipt,UNIX, Java Script, Oracle 10g.

NGPC (Next Generation Provision Control) is a provision control system which is meant for overall resource provisioning for verizon data services. This system is meant to replace existing individual provision controlling systems which needs individual monitoring of service orders. This system integrates with Tirks, Exact, NOCV, requestnet, wfac and other systems that track individual milestones and provide a overall picture to track service order starting from the point of initiation till completion.

**Responsibilities:**

* Designed, implemented the NOCV-PC, NOCV –NSDB, NOCV-SOAC modules.
* Designed the model to persist and process the messages in NGPC system.
* Implemented the service tier for SOAC services and to process messages from NOCV System.
* Persistence mechanism implemented using Hibernate utilizing Table per subclass inheritance based mapping, component mapping and other association mapping strategies
* Used jboss drools for developing the service
* Re-factored the Java class tree for improved code sharing and manageable modules.
* Have written service to consume incoming messages and persist in NGPC.
* Used ANT for automating of installations.
* Create WebServices for services operations in REST.
* Used Agile, Scum methodology for development

**Employer: Tech Mahindra (Americas), Inc. Dec 2005 To Aug 2010**

**Project: PDTS/ Optical**

**Client: AT&T, Alpharetta, GA**

Period: Jan 2010 – Aug 2010

Designation: Lead Developer

Environment: Java, J2EE, JSP, Servlets, UML, Rational Rose, Weblogic 10.3, Agile, Scrum, Apache Maven 2.0.9, Smart CVS 7.0, Eclipse Euphora, Struts 1.1, Struts 2.0, Shell scipt,UNIX, Java Script, AJAX, Oracle 10g.

PDTS is a Customer Care tool created for management to standardize, track and report on coaching/training interactions. It allows managers with direct reports to record coaching discussions which then become a part of a permanent record for the employee. It has modules viz. Discussion, Discipline, Alternate Manager, Reports, Admin Tools.Optical is a Wireless Customer Contracts and Bills storage and retrieval solution that meets legal and compliance requirements.

**Responsibilities:**

* Creation of design specifications and design documents for enhancement of Discussion and Discipline Modules.
* Enhancement of Search Functionality on subtrack discipline case, Letter Generation when date is less than 1 month, Avoid Instantions inside loop etc using Java, J2EE, JSP, Servlets, Struts1, Struts2.
* Developed the web tier of the application using the Struts and the Tiles framework.
* Identified the action and dyna action form classes, based on the Struts framework, to handle the pages.
* Developed presentation layer with JSP using Custom Tag Libraries and Struts 1.1 , Struts 2.0 famework.
* Created tile definitions, struts-config files and resource bundles using Struts framework.
* Implemented Action classes for Segment of Work and Item Viewer modules using Struts framework.
* Developed new functions and classes for Discussion, Discipline modules.
* Worked on the enhancement of removing the Oracle Account in Java from the optical system.
* Modifications in health check up for audit and clean up Unix shell scripts.
* Enhancement of Procedures, Functions at back end using PL/SQL.
* The team used an iterative/agile approach with unit tests and weekly releases.

**Project: hiQ4200 (VAS) R13 upgrade**

**Client: Nokia Siemens Networks**

Period: Apr 2009 – Dec 2009

Designation: Lead Developer

Environment: J2EE, JSP, Servlets, Spring, Struts 1,EJB,UML, ANT, Java Script, Agile,Scrum, AJAX, JUnit, Hibernate, C,C++, ASN.1, UNIX, JBOSS, Websphere, Oracle 10g

To provide a wide range of supplementary services, a voice application server (VAS) ie hiQ4200, is integrated into the IMS-based FMC solution architecture. The VAS is connected to IMS as an IMS application server. It operates as a SIP back-to-back user agent (B2BUA) and is connected to the S-CSCF over the ISC interface.The VAS provides the following supplementary services:

* Voice supplementary services for consumer and business subscribers including, for example, different types of call forwarding and call barring services,redial service, and sequential and simultaneous ringing.
* Triggering tones and voice announcements.

**Responsibilities:**

* Creation of design specifications and design documents.
* Preparing TDD (Technical Design Document) and discussing technical issues at SCRUM.
* Enhancement of Billing Charging System for CDR’s using J2EE, JSP, Servlets, Struts/Spring framework.
* Designed and implemented next generation of delivery software stack using Struts,Spring, Hibernate, Oracle.
* Used Hibernate for database calls.
* Implemented J2ME-Hibenate-Oracle for the Billing Software implementation.
* Struts manages the url mappings/forwards, and delegates Action management to Spring, so that the Actions can use the full power of the IoC container.
* Created EJB Session Beans and Entity Beans.
* Responsible for encoding/decoding of Wimax related CDR using asn.1 and C,C++
* Created PL SQL stored procedures, packages at back end for Billing system.
* Wrote ANT scripts and assisted with build and configuration management processes.

**Project: GFP-IP/GFP-UVNS**

**Client: AT&T, Middletown, USA**

Period: Jan 2007 – Mar 2009

Designation: Java Developer

Environment: Java,J2EE,Struts 1, HP-UX, Weblogic 9.2, SNMP,AJAX, Agile, Scrum, Spring,Java Script, Unix Shell Script, ANT, Oracle

Ultravailable Net View System (UVNS) is NMS product for fault management on OSS platform. The SNMP traps are received from network which is consolidated and processed by SMART’s. UVNS displays the network topology, alarm dashboards, active alarm summary, ring, node-topology, card and port information etc.GFP-IP is domain for processing traps in real-time network from agent source to Trap Collector to SMARTs and finally to IWT (INMS Web Tool) for generation of XML which is then processed by RUBY for ticket creation.VOIP rules are applied and XML is verified so as to verify ticket is created.

**Responsibilities:**

* Indepth analysis of Trap processing for Cisco 15310/15540/15454 devices from CNS server (NNM) to SMARTs and to OVO Manager to ticketing.
* Development of NetManager-SMARTs thereby analysing the rules.
* Development of fault monitoring features in support of NMS Traps in GFP UVNS using Java Struts& Spring Framework.
* Introduced and applied agile/Scrum development techniques.
* Developed the UVNS Alarm Summary, Connections, Dashboard modules using MVC Framework-Struts and implemented the search functionality.
* Worked extensively on PL/SQL and SQL.
* Responsible for development release of GFP-IP project features ie PB378 INMS,PD154 IPV6,PB378 4EASS,PB378 Qlogic,PD632 Siemens HiG,PB536 Alcatel,PD632 Reload HiQ.
* Enhancement of GFP-IP/INMS Release features such as PD146 Sylantro Server , PD688-Sonus SGX & PD688- Sonus DSI(NFS) LO traps(i.e Migration of INMS to GFP-IP).
* Wrote PL SQL stored proecedures and optimised queries at backend.
* Created ant scripts for compiling and building the Net View application.

**Project: SCP-G**

**Client: Ericsson, Spain**

Period: Dec 2005– Dec 2006

Designation: Java Developer

Environment: Hibernate, AJAX,JUnit, RAD7.0, RAD6.0, WebSphere 6.1, WebSphere 5.1.2, Weblogic 9.1,JAVA 1.5, J2EE, SOAP, WebServices, JSP, STRUTS, Oracle10g, Microsoft Visio, Enterprise Architect, UML

Ericsson SCP-G (Service Control Point) provides SCP functionality on a general purpose computer platform. It comprises mainly of UTS,UPS and UCS. It is managed by Ericsson’s Service Management Application System (SMAS), which offers service creation, provisioning, and network management capabilities. The products, based on the General Purpose Computer platform and the Telecommunications Management Operating System (TMOS), can rapidly facilitate new service deployment in the telecommunications network.

**Responsibilites:**

* Design analysis and existing code study of the SCP-G application and its architecture.
* Bug fixing and enhancement of issues.
* Provide level 3 support including handling faults raised by users and carrying out various proactive maintenance activities, to minimize fault levels using Java.
* Reducing the large number of outstanding faults when the project was initially taken over.
* Team Management and task allocation.
* Creation of design patterns ie Factory, Singleton & Builder, Composite etc.
* Wrote the SQL queries, functions, stored procedures for data access.
* Used JSP and Struts, JSF, ICEFACES-APACHE DERBY, GWT-AJAX for the presentation layer
* Wrote the ANT Scripts for BUILD and DEPLOYMENT of the application

**Employer: Interglobe Technologies Pvt. Ltd., India May 2002 To Nov 2005**

**Project: EGT for Travel2**

**Client: Manchester**

Period: Aug 2004 – Nov 2005

Designation: Senior Developer

Environment: Java, J2EE, Java Script, Ant, Weblogic 8.1, TCP/IP, SCO Unix 5.5,C, Informix.

Travel2/ Travel4 has CRS (Computerised Reservation System) ie **Galileo, Sabre**.This complete system is built on SCO Unix using C, Java and on backend these applications are using Informix database.The main modules interacting with each other are Quick Front End Application, Quote Trip Application & Tax Trip, fare trip and Book trip.

**Responsibilities :**

* Design analysis and existing code study of the trip application and its architecture using high level and low level design.
* Onsite coordination with the client.
* Worked on enhancement of Tax trip, tax engine, Quote Trip, Fare Tripapplication using C, Java.
* Used Sockets for data communication and Unix system calls for interaction with tax engine.
* Enhancement of CRS application using Java,C,Unix.
* Created New Java Classes and Java Beans.
* Validation of quotes with Sabre & Galileo.

**Project: AO(Automated Operator)**

**Client: HP**

Period: Feb 2004 – July 2004

Designation: Java Developer

Environment: Java, J2EE, JSP, Servlets, TSF Framework(Similar to Struts),Eclipse3.1, Tomcat, TagLibs, MVC, JDBC, XML, CSS, HTML,DHTML, JavaScript, JBOSS, Oracle, PL/SQL, Unix Shell scripts, JavaScript, ANT, CVS, WinCVS.

AO, a dynamic Enterprise Management tool, meets everyone's demands through out-of-the-box monitoring,

escalation, recovery and reporting. AO is a powerful policy based operations automation solution, which

includes Automated Recovery, Precanned Thresholds.

**Responsibilities :**

* Design and Coding in Java for AO Host Management Client.
* It include features as Managing Node at host through Telnet connection, Creation of Node with subsystems, Upgrade, Delete Node configuration at host, Import & Export.
* Import functionality allows importing HP Non-Stop configuration from file and importing Managed Subsytems data. Export functionality allows exporting the node configurations to the file.
* Managing Subsystems and Both using JSP, TSF(MVC, Similar to struts) Framework, Java Beans, Custom Tag Libraries, HTML, JavaScript for Nodes functionality.
* Worked on HP OVNPM for parsing the live data coming from server in Java, tokenizing the data and storing it.
* Creation of design patterns ie Factory, Singleton & Builder, Composite etc.
* Worked on Vectors,link list operations.

**Project: Bug Tracking in IMSAS Authenticator**

**Client: Ibex Inc., Chicago,USA**

Period: Mar 2003 – Jan 2004

Designation: Lead Developer

Environment: Java, J2EE, JSP, Servlets,Linux.

This project involved the bug tracking and enhancement in IMSAS Authenticator, a **biometrics product** used for fingerprint authentication.

**Responsibilities:**

* Preparation of programs specifications, unit test cases, coding of Java/J2EE modules.
* Used Socket to communicate with Index, storage component and to operate with applications and libraries in Java.
* Configured and maintained Java infrastructure.
* Developed low-level functions and utilities for memory allocation and file access.
* Creation of design patterns ie Factory, Singleton & Composite etc.
* Interacted with U & U Gold Sensor V 2.1 connected to USB port for finger print.

**Project: OVNPM**

**Client: HP**

Period: May 2002 – Feb 2003

Designation: Java Developer

Environment: C++,Java, UNIX, Socket Programming.

OVNPM, a dynamic Enterprise Management tool for monitoring, escalation, recovery and reporting. It is a powerful policy based operations automation solution, which includes Performance Management for Non-Stop Server capability.

**Responsibilities :**

* Design and Coding in C++/Java for OVNPM.
* Created communication from client/server using Socket Programming.

**Employer: HCL Perot Systems Pvt. Ltd., India Nov 2000 - Apr 2002**

**Project: MBNA CID Noff**

**Client: MBNA, Dallas, TX**

Period: May 2001 – April 2002

Designation: Developer

Environment: C, C++, Oracle 8i, Linux 7.2

This project involved the migration of the existing credit cardholder system’s data access to the **Oracle** database known as the Corporate Integrated Database.

**Responsibilities:**

* Designing of the database using Oracle 8i, coding and debugging of C and C++ applications and preparation of programs specifications, unit test cases.
* Creation of formatted binary and ASCII custom structured data files using C/C++ programming languages.
* Also involved in File handling, filter using Unix.
* Created Triggers, Procedures using PL/SQL.

**Project: Euro Currency Conversion**

**Client: Bank of Ireland, U.K**

Period: Nov 2000 – Apr 2001

Designation: Developer

Environment: C, C++, Java, Oracle 8.0, Solaris 2.7

This project gives details of Euro currency conversion for the Bank of Ireland implemented by Jan 1, 2002. It describes the transaction during transition periods and post transition period.

**Responsibilities:**

* Creation of Object Oriented design and analysis of the modules.
* Prepared functional and program specifications and was involved in coding of C++ applications.
* File handling, filters, shell scripting was done using Unix.
* Produced a solution to interface with Unix backend banking software that enabled Bank Customers to Schedule and Pay Bills online.

**Employer: Aditech Infosys Pvt. Ltd., India** **Mar 1998 To Oct 2000**

**Project: Dynamic Information System**

**Client: Kidata AG, Germany**

Period: Mar 1998 – Oct 2000

Designation: Developer

Environment: C, C++, Linux 6.1, Corba, Pro\*C, Oracle 8.0

DIS is a software technology for implementation of dynamic, personalized information system for digital media.

**Responsibilities:**

* Object Oriented design using C++ and analysis of the modules.
* Worked on ODBC and embedded SQL in Pro\* C to connect Oracle as database.
* Communication with other modules was through C++ using Corba and used PL/SQL to create Procedures, Functions & Triggers.
* Was involved in File handling, filter, I/O and shell scripting using Unix.

**Other Experience:**

**System Maintainence for Aditech Infosys - SystemsEngineer - Jun 1997 – Feb 1998**

**Nova International Ltd., India – Engineer - Jan 1994 – May 1995**

**Education:**

* Master of Business Administration from Pune University, Pune,India,1997.
* Bachelor of Mechanical Engineering from L.D College of Engineering, Ahmedabad, India,1993.

**Certification & Training**

* Computer certifications with ‘A’ grade in C/C++, Oracle 8, Visual Basic 6, D2K, Java 2, from SSI Ltd Ahmedabad and IIS Infotech Ltd Ahmedabad,India.
* Acquired 1 week training in Telecom domain and SS7 protocol at Tech Mahindra Ltd, Pune, India.
* Acquired 1 week training on IMS 6.x CFX-5000 at Nokia Siemens Networks, Gurgaon, India.