**Vishal Gandhi**

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**Professional Profile**

Recognized leader, applying high-impact technical solutions to major business objectives with capabilities that transcend IT operation boundaries. Adept at working with management to prioritize activities and achieve defined project objectives; able to effectively translate business requirements into technical solutions. Committed to helping organizations achieve maximum benefit from their IT investment, through meticulous testing, QA, research, development and implementation of technologies.

**Technology Summary**

* **AWS Certified Solution Architect** with focus on Operational Excellence, Security, Reliability, Performance Efficiency, Cost Optimization, Hybrid Solution and Cloud migration
* Java, J2EE, CORBA, RMI, Spring MVC, ESB (Enterprise Service Bus), OS Workflow, C/C++/VC++
* Architecture - Serverless, SOA, headless, IaaS, PaaS, SaaS
* Backbone js, Node JS, Required js, JavaScript, Dust, Struts, JSP, HTML
* CRM, Rest API, Web service, SOAP, SAML, SSO, JAXB, JSON
* Oracle, MySQL, MongoDB, PostgreSQL, hibernate, JDBC, JQuery
* Wild Fly 18.x, JBOSS 6.x, Web Logic 9.x
* Maven, Jenkins, Git, JIRA, Clear Case, SVN
* New Relic, Apache JMeter, Kafka , Eclipse, Oracle MetaSolve , GDB dbx, Sun Workshop Compiler
* Windows, Linux, Unix, Sun Solaris, AIX
* Agile & Waterfall, SDLC

**Professional Experience**

Benefitfocus

***Architect, Delivery & Lead April 2015 to May 2020***

*Solution architect and delivery for small group health insurance –* ***United Health Group***

Developed a robust code interfacing with Multiple systems

* Met requirements on Security, Performance scalability, Fault tolerance and better user shopping experience, including Quoting, enrollment, and renewal for small group health plan
* Designed/Developed Configuration based module for Rating Algorithm, Plan Catalogue and Rules
* Used Apache Kafka/Quartz Scheduler to design loosely coupled architecture for data Wearhouse, order processing, document generation and notification
* Planned and executed complete Data Center migration for QA/UAT and STAGE/PROD environment to new datacenter
* Identity and Access Management using on-premise Active Directory for Single Sign on and along with Broker Delegation to assume role to perform various order flow in the system
* Technology used Java/J2EE, Wild Fly, MySQL, Spring MVC, MongoDB, PostgreSQL, backbone js, NodeJS, Requirejs, Dust, Maven, RestAPI, SSO, SAML, JSON, New Relic, Apache JMeter, Kafka

***Solution Architect/Development Lead January 2012 to Mar 2015***

*Integration and Implementation with Healthcare.gov –* ***Blue Cross Blue Shield, Health Net, Centene***

Solution, Design and Hands-on technical experience

* Solution, designed and implemented Interface with Healthcare.gov Market place for various health insurance client to transfer PHI and confidential data securely between systems
* Used Enterprise Service Bus to implement various interface to interact with various system
* Designed and Implemented Payment Portal for user to redirect from Healthcare.gov to client portal and collect a payment for marketplace purchase
* Reported analytics using Google Tag Manager and NewRelic for various system and module performance Monitoring, error/exception handling, API trace
* Technology used Java/J2EE, Wild Fly , MySQL, Spring MVC, Struts, Maven, RestAPI, CRM, SSO, SAML, JSON

Neustar Inc.

***Architect /Senior Developer January 2008 to December 2011***

*Telephony Application Port System and Packet Switch System –* ***Cox Communication***

Solution, designed and developed Telephony application Port System

* Web Service Interface for auto ordering from telephony switch for Cable
* Design to integrate multiple application over different network which performs pre-order, order generation, order administration for cable order to do atomization
* Introduced OpenSymphony Workflow 2.8.0 with extensive use of **Finite State Machine** with help of XML descriptor to performs steps/actions using functions based on various conditions
* Technology used Java/J2EE, Struts, JBOSS, Hibernate, Maven, MySQL, SOAP and various design pattern and application cache
* Focused on Router, Firewall, networking, security due to different system integration, Blue-Green Deployment technic to reduce downtime, database backup and exceptional handling

*Access Service Request –* ***Windstream Communication****,* ***CenturyTel***

Solution, Designed and Developed Access Service Request System for Telecomm client

* Wholesale trunk request to Verizon, AT&T etc.
* Designed and Integrated Client ASR system with Oracle Metasolv Solution (Network based Order/Inventory system)
* Extensively used CORBA for Remote Method Invocation with different system implemented and hosted on diverse platform
* Technology used C++, Java/J2EE, Struts, Oracle DB, Maven and ClearCase Repo

***System Integration Engineer July 2004 to December 2007***

*Distributed System Generator*

Designed and Developed Distributed system platform with following information

* Multi-threading, Concurrent access, data sync/lock
* Agent worker and worker pool
* Socket programming and inter-process communication
* File descriptor and data readers, Exception handling and API Tracing

NE Technologies

***Software Engineer October 2000 to June 2004***

*Design, Architect & Developed Link Access Protocol on D Channel for ISDN Network.*

Implemented the architecture based on standard Q.921 with following details

* Handshaking, Signaling, Voice/data control
* Framing, Sequence control, Error Detection, Data recovery
* Frame Check Sequence with Cyclic Redundancy Error Checking
* Flow Control and Error Recovery

**Certifications**

* AWS SAA-C02 AWS-Solution Architect Associate certification, 2020
* Object Programming (UNIX, C++, VC++) Certification, 2002

**professional development**

* TIBCO BuisnessWorks 5.x Integration Boot Camp
* BEA Web Logic
* Java Native Interface (JNI) Seminar
* Member of OBF LSOR Telecommunication Standard committees of USA
* Part of NPAC (NEUSTAR) Testing Group for NANC 3.3 release for all Trading Partner for LSOA and LSMS
* Responsible for installation and administrator for Oracle MetaSolv 5.2.x and all MetaSolv 6.x Software with BEA Web Logic on Windows Server 2000 with Oracle 9i

**Education**

**Bachelor of Computer Engineering (2000)**

Dharmsinh Desai Institute of Technology, India