MAYANK PATEL

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GitHub Profile/Medium/LinkedIn

Qualifications Summary

Experience in:

- Working with planning and delivery stakeholders to develop architecture that aligns strategy, processes, IT assets and business goals.
- Building architecture landscape and information architecture to help organizations future proofing technology strategies.
- Utilizing architectural frameworks like TOGAF.
- Building cloud native architecture with microservices and progressive single page web applications for web scale.
- Building strategies around public cloud for cost effectiveness like Amazon Web Services (AWS).
- Establishing DevOps culture within organizations.
- Delivering SaaS solutions.
- Setting up Incident response process and tools for security governance.
- Good analytical capabilities and communication skills.
- Ability to quickly adapt to new environments and new technologies.
- Work well independently or in a team environment.
- Establishing Strategic Education and Training Programs.

Strengths: Analysis, Architecture Design, Planning, Road mapping, Cloud Computing, Security, Microservices, Progressive Single Page Applications, Enterprise Information Architecture(Standards and Governance), Passionate and innovative, Education and Training.

Skills

Operating Systems:	Windows 00/98/NT, Unix, Linux, OS X
Technologies:	ActiveMQ, Ajax, Angular, Ant, Maven, SBT, Play Framework, Java, Scala, J2EE, Spring Framework, Hibernate, JUnit, JQuery, JSF, JMS, XML, JSON, HTML5, REST, CSS3, JMX, C, C++, Flex, ETL, Terracotta, Visual Basics, Gulp, Grunt, Swagger, Gradle, Protractor, Jasmine, Ionic Framework
Data Store:	Oracle, Postgres, MySql, Microsoft Access, Vertica, MongoDB, Elasticsearch
Source Control:	GitHub, SVN, CVS
Application Server:	Oracle (OC4J), Apache tomcat, Sun Application, Glassfish, Orion, Web logic
Tools:	Microsoft Office, Microsoft Project, Sun Office, Oracle Jdeveloper, Net Beans, Eclipse, Ultra Edit, Edit Plus, Sublime, SQL Manager, WinSCP, Putty, WinCVS, Macromedia Dream Weaver, Flex Builder, Web Sphere, Intellij Idea, Sun Java Wireless Toolkit, Robo Mongo, Mongo Hub, Apache JMeter, Xcode, VMware Fusion, App Dynamics, Jenkins, Artifactory, Docker, JScape MFT Server, Swagger, NGinx, SauceLab, Whitesource

Experience

Oildex, a service of Transzap, Inc. Denver CO (Jan 2016 – Present)
Application Architect (Jan 2012 – Dec 2015)

- Established Architecture Landscape to future proof Oildex

- Built, plan and executed architecture designs for initiatives like ERP Integration, Digitization of document workflows, Enterprise Search, Event Logging, Billing, Reporting, Streaming Fast data, Single Sign On, etc.
- Collaborated with management to successfully achieve project deliverables and schedules
- Supervised development team implementing variety of software development projects and data models.
- Analyzed, tested and promoted third-party resources across products and applications
- Established 100% transparency within Architecture for rest of the organization with Information architecture built using Industry standards and guidelines.
- Designed technical product strategies with detailed maps that simulated technological realities
- Took project requirements and developed architectural design documents
- Advised on solutions to improve existing architecture through advanced solutions
- Managed department's adherence to architectural governance standards, guidelines and IT best practices
- Streamlined development with Continuous Integration and Continuous Delivery pipeline using scaffolding, automation tools and Docker containers in Public Cloud.
- Evaluated new technologies and ensured coordination among Data, ETL, Database and BI teams.

Oildex, a service of Transzap, Inc. Denver CO (Jan 2012 – Present)
Senior Software Engineer (Jan 2012 – Dec 2015)
- Built new and migrated several SAAS based ePayable, eRevenue products using responsive, SPA (Single page Application) framework.
- Implemented REST services using Play Framework.
- Developed SPAs (Single Page Applications) using HTML5, AngularJS, Twitter Bootstrap and UnderscoreJS and REST services with play framework.
- Enhanced several caching mechanisms to Oildex architecture
- Implemented various parts of applications using Primefaces (JSF2) and spring web-flow.
- Trained Transzap software developer team to various levels to design and develop applications using JSF and spring web-flow.
- Performed migration for large part of secured Relational Oracle database schema of oildex platform to MongoDB. Also, implemented secured crypto based REST API using Apache CXF.
- Performed on several projects as architect and provided guidelines to different teams.
- Worked in team environment under agile development lifecycle and scrum model.
- Created Web based mobile application using JSF, spring framework and different parts of J2ee.
- Implemented Unit Tests and Integration Tests.
- Developed enterprise components for oildex platform using AngularJS directives.
- Responsible for providing guidelines to oildex software development team from architect point-of-view as needed.
- Presenting and defending design concepts to local and global stakeholders.
- Maintaining oildex theme.
- Created modern Responsive Dashboard for all oildex products using SSO (Single Sign-On).
- Performed vast migration from primary relational data store to non-relational data model effortlessly.

Software Engineer (Dec 2010 – Dec 2011)
- Created and improved various SAAS based products for ePayable, eRevenue in the oil and gas industry.
- Designed and Implemented ETL process using Java, J2ee, Hibernate and spring framework for Vertica data warehouse.
- Designed and developed vertica schema, projection and various administration functions.

- I was also involved in architecting the future of business intelligence framework at Transzap.
- I also migrated several back-end process like UNIX cron-tabs and daemon process to run in container using spring mvc framework.
- Refactored old legacy JDBC code to Hibernate and spring AOP transaction model.
- Implementation of REST services using Apache CXF.
- Maintained various parts of applications using ActiveMQ JMS broker and Terracotta caching.
- Worked in team environment under agile development lifecycle and scrum model.

I-engineering Software Pvt. Ltd. Gujarat, INDIA
Software Engineer (Dec 2007 – Dec 2009)
- Developed and maintained various Insurance Quoting Rater tools for quotation and policy management using Java, J2EE (JSP, Servlet), PrototypeJS, MySql, Postgress and Oracle.
- Worked with team to analyze, design, develop and test insurance quote tool for Home, Auto, Wedding Planner, Photographer, DJ and Contractor.

Zydus Cadila, Gujarat, INDIA
Software Intern (Jan 2007 – Jun 2007)
- Conducted research and performed data analysis, gaining a good perspective on software development methodologies
- Planned and designed Intranet Mail Server for the organization use.
- Assisted with Private network within an organization that conforms to the same standards as the Internet but is only for internal use within the organization, and was given increased responsibilities and recognition for a job well done.

Education
Colorado Technical University, Denver CO - 2011
MSM – Master of Science and Management in IT and Project Management

Sankalchand Patel College of Engineering, Visnagar, Gujarat, INDIA - 2007
Bachelors of Computer Engineering

Government of INDIA (CDAC), Ahmedabad, Gujarat, INDIA - 2007
DJAVA
Interests: Photography