

Joshua Francis

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IT professional with experience in software architecture / design / development across the entire lifecycle of software development. I have worked with Java, Javascript and SQL technologies.

Skill Summary: I have worked with the following technology components.

Fullstack Development: HTML5, CSS, Bootstrap, Font Awesome, jQuery, Angular 5, NodeJS, ExpressJS, JSON web tokens (JWT), OAuth, Task runners Grunt / Gulp, Ionic Framework

Java: Core Java, REST APIs with JAX-RS, JSP, Servlets, EJB, Spring JDBC templates, Hibernate, Maven, Junit

Cloud Technologies: AWS: S3, SQS, SNS, CodeBuild, CodePipeline, Lambda, APIGateway, AWS CLI, Route 53, EC2, VPC, Boto3 Python SDK

Oracle: Integration Cloud Service, Microservices, SOA Suite, BPEL
I have knowledge on AWS Kinesis, AWS Elastic Map Reduce.

Database technologies: SQL, PL/SQL, Oracle RDBMS, MongoDB, ETL, Business Intelligence, SQL, Performance tuning

CI/CD exposure: AWS CodeBuild, AWS CodePipeline, Jenkins Job DSL/Pipeline, Docker, git

Application Security: Analyse security vulnerability of application for OWASP top 10 including XSS, SQL Injection. Fortify for Static code scans of Java

Certification and Training

- AWS Certified Solutions Architect – Associate
- TOGAF 9 Certified
- i) Sun Certified Java 2.0 Programmer, ii) Sun Certified Web Component Developer and iii) Sun Certified Business Component Developer
- Workshops – i) Project Management Professional (PMP), ii) Scrum in Action

Professional Experience

March 2002 –March 2018	Oracle India Pvt Ltd (India)	Last Position: Director EBS Development
I played the role of technical Director within in Oracle E-Business Suite product organisation. I have worked my way up from being a Senior Application Engineer to ‘Director EBS Development’. Over the years, I have performed a variety of role that include Test Engineer, Developer, Engineering Manager and Architect within product development organization.		

Jan 2001 – March 2002	Everest Consulting Group (USA)	Software consultant
Nov 1997 – Oct 2001	Tata Consultancy Services (India)	Senior Systems Analyst

Generic Tasks

- Developed business case for a new capability, arrive at high level business use cases based on evaluation of value propositions.
- Designed MVP (Minimum Viable Product) solutions and extensions.
- Roadmap Definition
- Evaluated negotiated minimum required solution offerings that makes business sense.
- Propose and negotiate Business, Data, Application and Technology architectures with stakeholders
- Building of reusable assets, define best practices, promoted knowledge sharing across program tracks through active collaboration.
- Security point of contact within organization
- Promoted and streamlined DevOps within Development Group
- Have worked in Agile and waterfall development methodologies
- Contributed to workshops on UX design and IOT solutions

Projects

- Architected hybrid cloud integration solution. This solution involves Strategy for Data Replication, cloud – on premise Application integration via APIGateway, REST API, Event based integration.
- Authored Whitepaper on hybrid cloud application integration
- Designed Near Zero Downtime patching solution based on Database Edition Based Redefinition. This solution involves management of Patching and Run editions and cutover of the edition after patching.
- Architected Information Discover solution with in memory datastore, the solution involves ETL, User propagation across OLTP and Discovery servers, Data Security Handler Architecture, Near Realtime data push strategy architecture.
- Architected solution for GDPR compliance involving data scrubbing, data masking
- Designed and implemented Single Sign-on Solution for Transaction product
- Designed solution with SOA Suite, BPEL and Human Task flows
- Developed REST services to lean view of transaction entities for Handheld devices
- Developed Email responses fulfillment solution
- Developed Data Transmission Module involving XML conforming to Rosettanet PIP standards.
- Developed responsive Single Page Applications with AngularJS / Angular 5 with Bootstrap, Material UI and Reactive Forms, Rest Angular for handling REST API invocations, NodeJS and Express and MongoDB, Mongoose ODM, REST exchange with JSON data format, JWT for authentication
- Developed Java based web applications using MVC and UI rendering frameworks. Developed JSP, Servlets, EJB, Spring based java OLTP applications.

Functional: I have a broad exposure across banking (Direct Debit for AMEX), Telecom (Number allocation for Swisscom), CRM / SCM / Financial modules of Oracle eBusiness Suite and Healthcare domains. I have extensively worked on Channel Revenue Management, Marketing and Sales Products, Price Protection, Supplier Ship and Debit, Incentive Compensation products.

Educational Qualification

May 1997	Master of Engineering - Birla Institute of Technology and Science Pilani India
May 1995	Bachelor of Engineering – University of Madras - India

Personal Details

Citizenship: Indian

Work Visa: Permanent Resident Visa, Subclass 189