

## SOFTWARE ENGINEER

### Summary

- 7 years of industry experience developing back-end of large-scale, enterprise applications at fortune companies.
- Work as a member of a team, helping the team respond quickly and effectively to business needs.
- Experienced working in fast-paced, Agile and Continuous Integration environments.
- Strong design, coding, debugging and testing skills using Core Java and J2EE.
- Solid understanding of algorithms, data structures, object-oriented design, and multi-threading.
- Hands-on backend experience building RESTful services using Jersey framework.
- Experience with Spring Framework using Core Spring, Spring Boot, MVC, and Security.
- Cloud experience using AWS Java SDK, EC2, and S3.
- Experience with relational and NoSQL databases using PostgreSQL, Oracle and Couchbase.
- Hands-on experience with scripting languages including Python, and Unix Bash.
- DevOps experience using Jenkins, Linux, Maven, GitHub, and Docker.

### Experience

#### Software Engineer

June 2017 to Current Gaf Buildings Materials Corp. Of America 1/4 Hartford , CT

Work as contractor at Apple through Infosys. Develop IT automation solution that enables Continuous Integration and Continuous Delivery (CI/CD) model for automatic application deployments at Apple.

#### *Responsibilities and achievements:*

- Work with global team of engineers in enhancing Apple Retail applications deployments.
- Analyze existing deployment strategies practiced at Apple.
- Transform manual activities into fully automated CI/CD pipelines by building automation ecosystem.
- Craft and deliver Python code for ecosystem, following short release cycles.
- Implement Continuous Integration by creating Jenkins jobs.
- Build automation pipelines that initiate application deployments by polling Jenkins for new builds.
- Deploy Java applications into cloud-based Unix hosts using Ansible playbooks.

**Environment :** Unix, Java, Python, Ansible, Splunk, Pod Architecture, Tomcat, Maven, Git, Jenkins, SQL.

#### Java Developer - Consultant

May 2013 to June 2017 Gartner

Worked as consultant, developed large-scale Java applications at multiple client locations including CAS (1.5 years), Gap (6 months), Nationwide (1 year) and OCLC (1 year).

#### *Responsibilities and achievements:*

- Work with team members from beginning of product lifecycle through application release in Agile Scrum environment.
- Design, develop, implement, and support complex Java/J2EE applications.
- Crafted maintainable and efficient code by applying Java design patterns, Collections and Generics.
- Developed RESTful services and REST API by utilizing Jersey framework.
- Create technical specifications for detailed application design.
- Maintain code quality through automated testing and conduct design and code reviews.
- Worked with Oracle and RIAK NoSQL databases.
- Recognized for implementing comprehensive reporting module generating sophisticated PDF documents.
- Achieved significant saving in development cycle time by creating a tool that loads template changes in real-time without needing to restart server, resulting in cost savings of 200K dollars.
- Improved stability of integration tests up to 100% by designing external data storage service, addressing test failures.
- Resolved critical issue with shipping label prints by investigating and fixing the legacy messaging system at Gap retail warehouse, gaining recognition from project lead.
- Enriched web application user experience by applying HTML5 and CSS3 capabilities, creating responsive design for various screens and loading data using JavaScript along with web service.

**Environment :** Java8, Spring, Jersey, Struts, REST-assured, Bash, Linux, JUnit, Maven, Gradle, Git, Gerrit, Jenkins, Docker, Hadoop, JavaScript, Oracle, PL/SQL, HTML, CSS, jQuery JSON, XML, MapReduce.

#### Software Engineer

September 2011 to October 2012 Horizontal

Worked as part of a team of software developers and researchers to design and develop a restaurant search engine with rankings based on analysis of big data from social blogs.

- Performed software development activities, including requirements definition and analysis, product design, documentation, development, and testing.

- Crafted proofs of concept and proposed project management solutions, created over six web applications boosting the research process, and managed terabyte-sized databases.
- Developed single-page web applications using Java, JDBC, and GWT.
- Performed SQL tuning and optimization using T-SQL queries. Managed terabyte-sized databases.

**Environment** : Java, C++, T-SQL, GWT, JDBC, HTML, CSS, JQuery, Tomcat, SQL Server, Maven, SVN, MS Visual C++, Eclipse.

Java Developer

October 2008 to April 2010 Finnet Limited

Collaborated with team of 25 in the development of the company's flagship product, a comprehensive Enterprise Resource Planning tool used by hundreds of clients worldwide.

- Translated business requirements to highly functional and rich user interfaces using Java, Spring, and GWT.
- Developed core module to export user statistics and legal documents in various formats.
- Deployed Java application to AWS hosted Unix servers.
- Worked with PostgreSQL database using Hibernate and SQL.

**Environment** : Java, SQL, XSLT, XML, GWT, Spring, AWS, Hibernate, Velocity Templates, HTML, CSS, Tomcat, Apache Web Server, PostgreSQL, Apache POI, iText, JUnit Test, SVN, IntelliJ IDEA.

Education

Master of Science : Computer Science , 2014 Maharishi University of Management i/4 City , State

Awards

Certificate of accomplishment, Â Â GSoC (Google Summer of Code) 2012.

Honored by Google Open Source Team for successful contribution to open source project Signah.

Technical Skills

Languages : Java 8, JavaScript, Python, Shell, Groovy.

SDLC & CI/CD : Agile, Scrum, Jenkins, Gerrit, Git, GitHub, SVN, JIRA, TDD.

Java & J2EE : Spring, Hibernate, Jersey, MyBatis, Tomcat, Jetty, Spring MVC, Struts, JSP, JMS.

Web services : AWS, REST API, RESTful services, SOAP, Microservices.

Front-end : React, HTML5, CSS3, Sass, Bootstrap.

JavaScript : Node.js, Express.js, JSON, AJAX, JQuery, RequireJS, AMD.

NoQL & RDBMS : MongoDB, Couchbase, RIAK, PL/SQL, Oracle, PostgreSQL, JDBC.

Related Skills : Unix, Hadoop, Splunk, Docker, Maven, Gradle, Ant, JUnit, Ansible, XML, XSD.