**Jithin Raghavan**

**Full Stack Web Developer**

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**PROFESSIONAL SUMMARY**

* More than **13 years of extensive IT experience** in all phases of **Software Development Life Cycle (SDLC)** including **analysis, design, implementation, integration, testing** and **maintenance** of applications using **JAVA/J2EE** technologies.
* Developed Web-based enterprise applications using **Java/J2EE, Core Java, Servlets, JDBC, Hibernate, Web Services (SOAP and REST)** and **MVC Framework (Struts, Spring MVC)**.
* Hands on experience with different spring framework modules like **Spring Core, Spring AOP, Spring IOC, Spring MVC, Spring Batch, Spring Security, Spring Transaction, Spring REST, Spring Cloud** and **Spring Boot**.
  + Good experience in developing UI using **JSP, JSTL, HTML, CSS, Java Script, Bootstrap, jQuery, Ajax, Angular JS, Node.js** and **Angular**.
  + Experience with **Java 8 features** such as **lambda expressions, Streams** and **Parallel Operations**.
  + Involved in developing the application with **Service Oriented Architecture (SOA), Micro Services Architecture** and **Test-Driven Development**.
  + Having Good experience in developing and migrating existing application into cloud-based platforms like **Amazon Web Services (AWS)**.
  + Strong experience in developing and consuming **SOAP** and **Restful** Web Services.
  + Experience in using **Swagger** for documenting **Restful** web services.
  + Implemented **REST based Micro services** using **spring framework**.
  + Worked with XML technologies like **DTD, XSD, XSLT** and various parsers like **DOM, SAX and JAXB**.
  + Experience in using persistence framework like **Hibernate, JPA** for mapping java classes with data base and using **HQL (Hibernate Query Language)**.
  + Good exposure in **Java Messaging Service** (JMS), **AWS SQS** for reliable information exchange across Java applications.
  + Experience in developing **XML based Web Services (SOAP/UDDI/WSDL)** using Top Down and Bottom Up approach and REST based services with **JAX-RS, Jersey** and **Spring Integration**.
  + Strong experience in database design using **PL/SQL** to write **Tables, Stored Procedures, Functions, Triggers, Indexes** with tools such as **TOAD, SQL Plus** and proficiency in writing complex queries to retrieve data.
  + Expertise in using **JDBC** and **Hibernate** for connection and access to databases.
  + Good experience with Relational databases like **Oracle, MYSQL, PostgreSQL, SQL Server,** and No SQL databases like **Dynamo DB, Mongo DB.**
  + Experience in building **Docker** images and deploying applications to **Kubernetes**.
  + Experience in working with continuous integration tool **JENKINS** and also building **Jenkins pipeline.**
  + Experience in using **JIRA** for bug tracking and raising tickets.
  + Knowledge on **OAuth 2.0, JWT tokens** for secure access to server resources from external clients.
  + Experience working with version control tools like **GIT and SVN**
  + Experience with build automation tools like **Ant, Maven** and **Gradle** for builds and deployments to different environments.
  + Worked with **Agile**, **Scrum** methodologies

**TECHNICAL SKILLS**

**Languages**: Java 1.8, J2EE, Python, SQL and PL/SQL

**Mark-up/XML Technologies**: HTML5, CSS3, Bootstrap, JavaScript, jQuery, AJAX, Angular JS, Angular 2, Node JS, XML, XSD, XSL/XSLT, SAX/DOM, DOJO and JSON.

**Tools & Framework**: Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Boot, JSF, JUnit, Apache CXF, SOAP UI, GWT, Jersey.

**Build Automation**: ANT, MAVEN, Jenkins, and Gradle.

**Web services**: SOAP, Restful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Apache Axis and Apache CFX.

**Cloud Technologies**: Amazon Web Services (EC2, SQS, RDS, IAM, S3), Pivotal Cloud Foundry and Spring Cloud.

**Web/App Servers**: Web Sphere, Apache, Apache Tomcat, JBOSS EAP, Web Logic Server and Apache Camel

**Databases**: Oracle, SQL-Server 2005, MySQL server, MS SQL, IBM DB2, NoSQL DB like Mongo DB and Cassandra.

**IDE tools**: Eclipse, RAD, Spring Tool Suite (STS) and IntelliJ, Visual Studio.

**Version Control**: Tortoise SVN, CVS, Rational Clear case, Source Tree and Git.

**OS & Environment**: Windows Vista/XP/2000/NT, Win 2k Server, Sun Solaris, UNIX

**Design Patterns**: Singleton, Factory, Prototype, Business Delegate, Session Facade, Service locator, Visitor, Observer, Decorator, Front Controller and DAO pattern.

**Domain Knowledge**

Healthcare insurance

**Certifications**

Amazon Web Services Cloud Practitioner

Microsoft Certified Azure Fundamentals (AZ-900)

Faculty, Academy for Healthcare Management (FAHM)

Professional, Academy for Healthcare Management (PAHM)

**PROFESSIONAL EXPERIENCE**

***Conduent State Healthcare LLC, Cheyenne, Wyoming, USA January 2017– Till Date***

***Application Development & Support Engineer II***

***Xerox, Cheyenne, Wyoming, USA October 2016– January 2017***

***System Development Specialist***

**Description:** Project involved in developing a Web-based claims portal system for WYMMIS account for MEDICAID system in Wyoming

**Responsibilities:**

* Analyze, plan, design, develop and test modifications and enhancements to Wyoming State **Medicaid MMIS** system.
* Involved in **Software Development Life Cycle (SDLC)** which includes **development, design, analysis, testing and Integration** of various web based and client/server applications in multi-platform environments with JAVA/J2EE technologies.
* Participating to write API’S by using Java Spring Boot.
* Designed and developed **Micro services**, using Java, **spring**, **and REST**.
* Implemented the application using **Spring IOC**, **Spring MVC Framework**, **and Spring Batch** and handled the security using **Spring Security.**
* Using technologies **JavaScript, Node.js, Angular 1.6 and angular 7, HTML, Docker, Kafka, Swagger and Postman.**
* Implemented Spring Boot Micro Services to divide the application into various sub modules.
* Experience in using Tools **Jenkins** and **Docker** for Continuous Integration and Continuous Deployment (**CI/CD**) of **Micro Services**.
* Developed stored procedures, **Triggers** and functions in Oracle to process the trades using **PL/SQL** and mapped it to Hibernate Configuration File and also established data integrity among all tables.
* Designed and developed the End Points (Controllers), Business Layer**, DAO** Layer using **Hibernate/JDBC** template and **Spring IOC** (Dependency Injection).
* Developed critical components of the application including **JSP** views, and business logic and data logic components that include **JDBC, SQL queries** and **CRUD operations** following **MVC architecture**.
* Worked on tool which creates pipelines in **GOCD**.
* Used **GOCD** for Continuous build and Continuous Delivery to build pipelines during deployment.
* Involved in **understanding project requirements, analyzing, designing, developing** and **testing application** using **Agile** methodology
* Designed and implemented user interface using **Angular JS Framework.**
* Designed, implemented and deployed J2EE web application using **Spring MVC and Hibernate**.
* Worked on **Angular 2.0** by consuming **Restful** web services & Used Angular 2.0 forms like Template Driven forms and Modern Driven **(Reactive)** forms to perform form validations both on server and client side.
* Responsible for developing and maintaining entire web application using **AngularJS, NodeJS, No SQL** based on **W3C** standards
* Used **Spring Core framework** to **inject dependency, DAO and Bean objects**, and **auto wiring Components**
* Implemented **Restful web services** using **Spring REST** and used **Postman** to test web service response.
* Used **Maven scripts** to build and deploy war files to QA environment.
* Involved in using **Log4J t**o create log files to debug.
* Extensively worked on developing UI components using **HTML, CSS, JavaScript, JSP** and **jQuery** to interact with **SOAP** web services.
* Involved in day to day handling of **JIRA** issues (production issues at time) that involved data inconsistencies that required to be solved in very less time.
* Wrote test cases using **Mockito**.
* Wrote automated test cases to validate REST-FUL services using Java REST-Assured API and **POSTMAN API**
* Hands-on experience working with Continuous Integration (**CI**) build-automation tools such as **Maven**, **SVN**, **Jenkins** and Apache Ant and deployed in **Docker/Kubernetes containers.**
* Significant experience in web development tools like **Spring Tool Suite, IntelliJ, Eclipse**
* Participate in deployment support for the releases.
* Successfully performed the **Restful APIs Integration using Jersey for JAX-RS** implementation and developed an **API wrapper** for reusability.
* Building the robust REST APIs based on Micro Services architecture using Spring Boot and documenting the APIs using **Swagger**.
* Used **Swagger** documentation to see the UI output of the module.
* Extensive utilization of Git for version controlling and regularly pushed the code to **GitHub**.

***Xerox, Sacramento, California, USA April 2014– October 2016***

***Business Analyst***

**Description:** Worked for CAMMIS account for MEDICAID system in California.

**Responsibilities:**

* Effective mediator between peers, end users, and clients. Extensive exposure in Product and Application demonstrations to clients.
* Used core Java concepts like **Collections, Multi-Threading, Generics, Exception Handling, Java Reflection and Serialization**.
* The application is designed using **Java/J2EE** technologies along with **Spring Boot** framework.
* Developed frontend applications using **Angular, HTML, CSS, Bootstrap and Ajax calls**.
* Involved in integrating **JAX-RS** into **Spring Boot** application.
* Worked with **AML system** enabled operation team to review payments and comply with regulation.
* Used **AngularJS** for client-side validations.
* Build the application using TDD Test Driven Development approach.
* Used Oracle as database and Involved in the development of PL/SQL backend implementation and using SQL created Select, Update and Delete statements.
* Constructed an application to meaningfully display large data objects from **AWS** S3 to help analyze machine performance issues.

***IBM, Sacramento, California, USA November 2013-April 2014***

***Application Developer***

**Description:** Worked for CAMMIS account for MEDICAID system in California.

**Responsibilities:**

* Involved in requirement analysis and feasibility study of the enhancement or new change to provide most effective solution to the client and actively involved in analyzing and fixing critical production issues.
* Developed RESTful web services using Java Servlets, JSON, JAX-WS and JAX-RS, and persistence using Hibernate and JPA framework.
* The middleware interaction used JMS/IBM WebSphere MQ series for transferring messages between different components using the JMS/Mail API framework.
* Used issue tracking tool JIRA for bug fixing and life cycle traceability.
* Used MAVEN for project management and build automation, and Continuous Integration is done using Jenkins.
* Used Subversion as a version control for implementing the application.
* Created web application prototype using jQuery and Angular.JS
* Designed the front end and wrote corresponding one-one REST methods to implement respective change requests.
* Migrating our application from angular

***IBM, Bengaluru, India July 2010-November 2013***

***Senior System Engineer***

**Description:** Worked on the development and deployment of applications for WellPoint Healthcare Networks for their CS90 Claims processing sub-system.

**Responsibilities:**

* Involved in enhancing legacy application framework and up-gradation the applications with new changes and enhancements in 4 major releases and multiple patch releases throughout a year.
* Involved in a **Micro services Migration** Project using **Spring Boot**.
* Expertise in System design and development required for business process. Conducting needs analysis and documenting requirements and coordinating project activities.
* Used **Core Java** features like **Multithreading, Collections and Synchronization**.
* Worked on **Git** as version control management and **JIRA** as Defect management for bug, issue tracking of application. Used **Jenkins** for **CI/CD** process.
* Hands on experience with Testing application using **JUnit** and **Mockito**.

***UST Global, Kochi, India December 2007-July 2010***

***Software Engineer***

**Description:** UST Global® is a leading provider of end-to-end IT services and solutions for Global 1000 companies. I worked in WGS projects for WellPoint Healthcare Networks.

**Responsibilities:**

* Involved in Requirement gathering, Analysis and Design using UML and OOAD
* Designed the Application using Model View Controller Architecture.
* Developed different modules using J2EE (Servlets, JSP, JDBC, JNDI)
* Integrated the Application with Database using Hibernate.
* Used SAX/DOM XML Parser for parsing the XML file
* Used XSL and XSLT for styling the XML data.
* Communicated between different applications using JMS.
* Interacted with backend Oracle and wrote stored procedures, functions and cursors for deleting and inserting using PL/SQL.
* Deployed the Application in Weblogic App Server.
* Developed test cases and performed unit testing using Junit framework.

**Education and Training**

**Bachelor degree**, Computer Science and Engineering, College of Engineering, Trivandrum (CET), Kerala, INDIA, July 2003 – April 2007