** Rajesh Reddy PUNDRU**

**Full Stack Java Developer**

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# SUMMARY

* Having around **7 years** of professional IT experience in designing and developing Web based and Enterprise applications using **JAVA/J2EE** technologies in Telecom, Financial, Insurance and Digital domains.
* Experienced in all phases of **Software Development Life Cycle (SDLC)** including Analysis, Design, and Development, Debugging, Support, Integration, Maintenance, and Enhancements of Java/J2EE Applications.
* Experience in working in environments using **Agile (SCRUM)** and **Waterfall** development methodologies.
* Experience with **Java 8** features such as **lambda expressions, Parallel operations** on **collections** andfor effective sorting mechanisms andnew Date Time API.
* Experience in developing web-based enterprise applications using **Java, J2EE, Servlets, JSP, JSF, JDBC, Hibernate, Web Services (SOAP and REST), MVC Framework (Struts, Spring MVC)** and **SQL.**
* Strong experience in **Core Java** concepts like **Collections, Multithreading, Event Handling, Exception Handling,** and **Generics.**
* Expertise in client and server scripting languages like **HTML5, CSS3, JavaScript, Bootstrap, jQuery, Angular JS, React JS, Backbone.js** and **Node JS.**
* Handled operations and maintenance support for **AWS** cloud resources which includes launching, maintaining, and troubleshooting **EC2 instances**, **S3** buckets, **Auto Scaling**, **Dynamo DB, AWS IAM**, Elastic Load Balancers (**ELB**) and Relational Database Services (**RDS**). Also created snapshots for data to store in **AWS** **S3.**
* Experience in developing and solid understanding of **Service Oriented Architecture** and **Microservices** **Architecture.**
* Experience with different **Spring** **framework** modules like **Spring Core, Spring AOP**, **Spring IOC,** **Spring MVC**, **Spring Boot, Spring Batch**, **Spring Security,** and **Spring cloud.**
* Strong hands on experience in implementing **Design patterns** like **MVC, Data Access Object, Session Façade, Business Delegate, Factory, Proxy,** and **Singleton.**
* Experience in both providing and consuming Web Services using **SOAP** and **RESTful** (**JAX**-**RS** and **JAX-WS**).
* Experience using persistence framework like **Hibernate**, **JPA** for mapping java classes with Database and using **HQL** (Hibernate Query Language).
* Expertise in **XML** technologies such as **XSL, XSLT, XML schemas, XPath**, **XForms, XSL-FO and parsers like SAX.**
* Good experience with **Relational** databases like **Oracle, My SQL, MS SQL Server, IBM DB2** and **No SQL databases like Mongo DB** and **Dynamo DB.**
* Proficient in writing and handling **SQL Queries**, **PL/SQL**, **Stored Procedures,** and **Triggers.**
* Experience with application servers like **Web Logic, JBOSS, Apache Tomcat**and**IBM Web Sphere.**
* Experience in design and development of robust and highly scalable web service platforms and API’s based on **REST** and **SOAP** for e-commerce applications using **AXIS,** **WSDL, UDDI, XML, JAX-WS, JAX-RS, JAXB, JAX-RPC**technologiesand **Jersey** frameworks.
* Experience on CQL (Cassandra query language), for retrieving the data present in **Cassandra** cluster by running queries in CQL.
* Good experience writing application deployment scripts using **Shell Scripting**. Worked on **Windows**, **UNIX, LINUX** platforms to move the project into production environment.
* Experienced in implementation of **JMS** to exchange information over reliable channel in an asynchronous way by using **Active MQ, Rabbit MQ** as amessage queue struts.
* Experience with **Junit, Jasmine, Karma, Mockito and Log4J** in developing test cases.
* Working knowledge with version control tools like **SVN, CVS, GIT,** and **Visual Source Safe**.
* Hands on experience in building tools like **ANT, Maven, Gradle**.
* Experience in continuous integration source code management with **Jenkins**, Created Build Jobs and Deployments in **Jenkins.**
* Used **JIRA** to assign, track, report and audit the issues in the application.
* Experienced in developing Rich GUI's by using **Eclipse RCP**, HTML, frameworks.
* Highly experience with Java complaint **IDE’s** like **Spring Tool Suite**, **Eclipse**, **IntelliJ,** and **RAD.**
* Good communication, presentation and interpersonal abilities and a participating group member.

# TECHNICAL SKILLS

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| **Languages** | C, C++, Java, J2EE, SQL, PL/SQL, Python |
| **Enterprise Java** | Java, J2EE, Swing, RMI, Sockets, JDBC, Servlets, JSP, JMS, Java Beans, JSTL, JSF, Struts, EJB, Spring, JTA, JNDI and JPA |
| **Web/XML Technologies** | HTML5, CSS3, JavaScript, JQuery, AngularJS, XML, XSD, XSL/XSLT, SAX/DOM, AJAX, JSON, Backbone JS, DOJO, NodeJS. |
| **Tools & Framework** | Struts, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, JMS, JSF, Log4J, SOA, Jasper reports, SOAP UI, Spring Boot, Spring Batch, Spring Security, and Spring Data. |
| **Web services** | SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS JAX-WS, JAX-B, Apache Axis2, Apache CFX, JMS, MQ, AWS |
| **Web/App Servers** | Web Sphere, WebLogic, Apache, Tomcat, JBoss. |
| **Database** | Oracle, SQL-Server, MySQL server, MS SQL, IBM DB2, MongoDB and NoSQL |
| **Development Tools** | Eclipse, RAD, Spring Tool Suite (STS), IntelliJ |
| **O-R mapping** | Hibernate, JPA, JTA  |
| **Testing Tools/ Others** | JUnit, SoapUI, Putty, Rational Clear Quest, RTC, LoadUI, JIRA |
| **Version Control** | GIT, CVS, SVN, Rational clear case, Star Team |
| **Platforms** | Windows, Win 2k Server, Sun Solaris, UNIX |
| **Cloud Technologies** | AWS EC2, S3, Dynamo DB, ELB |

# PROFESSIONAL EXPERIENCE

**Client: Wells Fargo, SFO, CA. May 2020 - Present**

**Role: Full Stack Developer**

**Responsibilities:**

* Involved in analysis, specification, design, and implementation and testing phases of Software Development Life Cycle (**SDLC**) and used **agile** methodology (**SCRUM**) for developing application.
* Application is implemented using **agile** methodology where there is a daily **SCRUM** meeting to understand the status and resolve any issues.
* Upgraded existing UI with **HTML5, CSS3, JQuery** and **Bootstrap**.
* Designed, developed a custom, single-page, responsive web application on front end using **AngularJS**.
* Developed reusable components using **JavaScript, XML and HTML5**.
* Working as an application developer experienced with controllers, views and models in **BackboneJS**.
* Developing **Spring Boot** application using **Micro Services** architecture with **Spring Eureka** to maintain small and lightweight services and communication between these services are done by using API routes for the entire cluster.
* Designed and integrated the full-scale **Hibernate** persistence solution with the application architecture.
* Worked on **RESTful** Web services and used **Mongo DB (NoSQL)** for database services and **RESTful** web services using Jersey for **JAX-RS** implementation.
* Designed and developed Middle-tier components for company's object framework using best practices and **design Patterns** and used in **Model-View-Controller** (**MVC)**.
* Developed the application with various **Spring Framework** modules like **Spring IOC, Spring AOP, Spring Boot, Spring Security**, **and Spring Batch.**
* Secured the API's by implementing **Oauth2** token-based authentication/authorization scheme using **Spring Security**.
* Implemented **Microservices** to make the application run on all possible platforms like desktop browsers, mobile browsers and native mobile applications.
* Created and configured Micro Services architecture for the project and integrated with **Angular JS** and **Node JS** applications.
* Proficiency in adoption of architecture paradigms such as **SOA**, Web services, **Middleware technologies.**
* Worked with core java concepts like **Collections Framework**, **Multithreading** and Memory management.
* Working on **Automating** the **Testing** effort using Selenium, Creating & reviewing the Test plan and Test Data for Automation Team folks.
* Spring based application to cloud based **Microservices**
* Automate build process through **Maven** build framework
* Used **JIRA** to assign, track, report and audit the issues in the application.
* Setup the continuous Integration (CI) process for the application using the **Jenkins.**
* Used **GIT** to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts.

**Environment**: Java 1.8, Agile (SCRUM), HTML5, CSS3, JavaScript, JQuery, Bootstrap, Ajax, AngularJS(Versions:2,4.8), AWS, Micro Services**,** Hibernate, Spring, MongoDB, Spring Batch, Spring Boot, Spring Security, Servlet, XML, GIT, JSP, Spring MVC, JDBC, JUnit, Maven, WebSphere, Restful, Log4J, SOA, Java Server Pages, Automation Testing, Selenium, JIRA, Spring Security, Jenkins and STS.

**Client: Verizon, Irving, TX Sep 2019 – April 2020**

**Role: Full Stack Developer**

**Responsibilities:**

* Developed Front-End UI technologies like **HTML5, CSS3, jQuery, PHP, JSON, AJAX, Angular2.0, Bootstrap, Tag Libraries, JSTL,** and **Type Script.**
* Maintained **Interface** compatibility and **concurrency** in the project using **Java 1.8** new features like **Lambda** expressions, **default**, **static methods** and **Concurrency API.**
* Developed **Angular 2.0** custom directives and used Routes and Factory validations in Angular.
* Designed, built, and deployed a multitude application utilizing almost all of **AWS** stack (Including **EC2, S3, Dynamo DB, SQS and EMR**), focusing on high-availability, fault tolerance, and auto-scaling.
* Utilized **Amazon Web Services** (**AWS**) **EC2** to deploy **Docker** containers.
* Designed and developed **Micro Services** business components using **Spring Boot.**
* Developed **RESTful** Web services for transmission of data in **JSON** format.
* Developed the application with various **Spring Framework** modules like **Spring IOC, Spring AOP, Spring Boot, Spring Security**, **and Spring Batch.**
* Used **Spring MVC** framework at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced, and maintenance will be very easy.
* Used **Spring AOP** for solving crosscutting concerns like keeping customer log data and transactions details.
* Developed the persistence layer using **Hibernate Framework** by configuring the various mappings in **Hibernate** files and created **DAO** layer.
* Developing **Spring Boot** application using **Micro Services** architecture with **Spring Eureka** to maintain small and lightweight services and communication between these services are done by using API routes for the entire cluster.
* Designed and integrated the full-scale **Hibernate** persistence solution with the application architecture.
* Worked on **RESTful** Web services and used **Mongo DB (NoSQL)** for database services and **RESTful** web services using Jersey for **JAX-RS** implementation.
* Designed and developed Middle-tier components for company's object framework using best practices and **design Patterns** and used in **Model-View-Controller** (**MVC)**.
* Secured the API's by implementing **Oauth2** token-based authentication/authorization scheme using **Spring Security**.
* Implemented **Microservices** to make the application run on all possible platforms like desktop browsers, mobile browsers and native mobile applications.
* Spring based application to cloud based **Microservices.**
* Installed, monitored and maintained the development infrastructure including **JIRA.**
* Worked on **Log4J** to validate functionalities and **Mockito** framework **JUnit** for **Unit testing** and executed **TDD** framework.
* Used **Git** to maintain the version of the files and took the responsibility to do the code merges and creating new branch when new feature implementation starts.
* Used **Maven** as build automation tool for deploying the project on **WebSphere Application Server.**

**Environment:** Agile Methodology, Java 1.8, J2EE, HTML5, CSS3, jQuery, Ajax, Rest API, Bootstrap, JavaScript, AngularJS, JSP, Hibernate, Spring Framework, Spring MVC, Spring IOC, Spring boot, spring security, OAuth, JAX-RS**,** GIT, JUnit, Maven, Restful, Amazon Web Services (AWS), Micro Services, Mongo DB, WebSphere, JIRA, Jenkins, Spring Tool Suite.

**Client: Mercedes-Benz Financial Services, Farmington, MI April 2018 – Aug 2019**

**Role: Full Stack Java/J2ee Developer**

**Responsibilities:**

* Involved in analysis, specification, design, and implementation and testing phases of Software Development Life Cycle (**SDLC**) and used **agile** methodology (**SCRUM**) for developing application.
* Application is implemented using **agile** methodology where there is a daily **SCRUM** meeting to understand the status and resolve any issues.
* Upgraded existing UI with **HTML5, CSS3, JQuery** and **Bootstrap**.
* Designed, developed a custom, single-page, responsive web application on front end using **AngularJS**.
* Developed reusable components using **JavaScript, XML and HTML5**.
* Working as an application developer experienced with controllers, views and models in **BackboneJS**.
* Developed forms for user event handling and validations using **JavaScript's** and **AJAX**.
* Worked on **Java 1.8** features such as **Lambda** Expressions for making anonymous inline function calls by using Functional Interfaces which makes code readable and concise.
* Excellent in deploying the applications in **AWS** as **EC2** instances and create snapshots for the data that must be stored in **AWS S3**.
* Developed the monolithic application and involved in migrating existing monolithic application in to **Micro Service Architecture** based **RESTful Service** and deployments were done on **AWS.**
* Designed and developed **Micro Services** business components using **Spring Boot.**
* Utilized **Amazon Web Services** (**AWS**) **EC2** to deploy **Docker** containers.
* Implemented the application using **Spring IOC, Spring MVC Framework, Spring Batch, Spring Boot** and handled the security using **Spring Security**
* Implemented Batch jobs to deal with large amount of chunks using **Spring Batch** Framework to execute the similar jobs simultaneously.
* Involved in multi-tiered **J2EE** design utilizing **Spring Inversion of Control** (IOC) and **Hibernate**.
* Designed and developed the End Points (Controllers), **Business Layer**, **DAO Layer** using **Hibernate/JDBC** template, using **Spring IOC (Dependency Injection)**.
* Used Java-J2EE patterns like Model View Controller (**MVC**), **Business Delegate, Data Transfer Objects, Data Access Objects, factory patterns.**
* Used **Spring Framework AOP** Module to implement logging in the application to know the application status.
* Used **Spring DAO** Module along with **Struts Framework** to deal with Database.
* Used **Hibernate**, object /relational mapping **(ORM)** solution, technique of mapping data representation from **MVC** model to Oracle Relational data model with an **SQL**-based schema.
* Designed and developed a **JDBC** driver that intercepts a create view **DDL** parses it, converts it to a relational model, and stores in the database.
* **RESTful** web services using **Jersey** for JAX-RS implementation
* Developed user interface using **JSP, JSP Tag libraries, third party libraries** and **Java Script** to simplify the complexities of the application
* Performed **CRUD** operations like Update, Insert and Delete data in **MongoDB.**
* Worked on **MongoDB** database concepts such as locking, transactions, indexes, Sharding, replication, schema design, etc.
* Created and configured Micro Services architecture for the project and integrated with **Angular JS** and **Node JS** applications.
* Proficiency in adoption of architecture paradigms such as **SOA**, Web services, **Middleware technologies.**
* Worked with core java concepts like **Collections Framework**, **Multithreading** and Memory management.
* Working on **Automating** the **Testing** effort using Selenium, Creating & reviewing the Test plan and Test Data for Automation Team folks.
* Implemented build stage to build the **Micro Service** and push the **Docker Container Image** and **Private Docker Registry.**
* Involved in installing and configuring **Maven** for application builds and deployment
* Worked on **Log4J** to validate functionalities and **JUnit** for unit testing
* Automate build process through **Maven** build framework
* Used **JIRA** to assign, track, report and audit the issues in the application.
* Setup the continuous Integration (CI) process for the application using the **Jenkins.**
* Used **GIT** to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts.

**Environment**: Java 1.8, Agile (SCRUM), HTML5, CSS3, JavaScript, JQuery, Bootstrap, Ajax, AngularJS, AWS, Micro Services**,** Hibernate, Spring, MongoDB, Spring Batch, Spring Boot, Spring Security, Servlet, XML, GIT, JSP, Spring MVC, JDBC, JUnit, Maven, WebSphere, Restful, Log4J, SOA, Java Server Pages, Automation Testing, Selenium, JIRA, Spring Security, Jenkins and STS.

**Client: GE Healthcare, Chicago, IL Aug 2017 – Mar 2018**

**Role: Java/J2ee Developer**

**Responsibilities:**

* Worked on High level and low-level system design, planning, estimation and implementation
* Developed presentation layer using **JSP, HTML5, CSS3** and client validation using **JavaScript.**
* Developed Single page application and structured the **JavaScript** code using **AngularJS.**
* Design and develop template-based User Interface using **Bootstrap, JSF** and **Angular JS.**
* Handled all the client-side validations, slide show, hide and show controls, dropdown menus and tab navigation using **JQuery.**
* Worked on **Java 1.8** features such as **Lambda** Expressions for making anonymous inline function calls by using Functional Interfaces which makes code readable and concise.
* Excellent in deploying the applications in **AWS** as **EC2** instances and create snapshots for the data that must be stored in **AWS S3**.
* Utilized **Amazon Web Services** (**AWS**) **EC2** to deploy **Docker** containers.
* Create and configured the continuous delivery pipelines for deploying **Micro Services** and **Lambda functions** using **Jenkins** **CI** server.
* Worked on development and implementation of the **MVC** Architectural pattern using **Spring Framework**.
* Designed and integrated the full-scale **Hibernate** persistence solution with the application architecture.
* Involved in design and development of the **Hibernate Domain Model** for the service.
* Involved in using **JPA** (Java Persistence API) frameworks and APIs as **JDO** and **Hibernate.**
* Developed the **DAO layer** for the application using **Spring,** **Hibernate** template support
* Using **Spring Framework** implemented **dependency injection**, **Action classes** through **Application Context XML** and initialized managed beans and services.
* Designed and implemented application using **JNDI,** **Spring Annotations, Spring AOP.**
* Used **Spring IOC** for injecting the Hibernate and used Hibernate annotations to design the modeling part of the application.
* Analyzed the **SQL** scripts and designed the solution to implement using **Scala**.
* **Spring MVC** model integration for front-end request action controller
* Enterprises Integrated Pattern Implemented with **Apache Camel (ESB).**
* Developed a **RESTful** based service for data retrieval to make it independent of the current application.
* Involved on development of **RESTFul** web services using **JAX-RS** in a **Spring** based project.
* Proficient in Application Development/Maintenance using Legacy **RPI** languages.
* Worked on **XML** and **JSON** for transferring and retrieving data between different applications.
* Wrote services to store and retrieve user data from **MongoDB** for the application on devices.
* Implemented and Integrated **tableau** reports with tool.
* Followed Micro services architecture to process and build a large system
* **WebSphere** is used as an Application Server to Deploy the Application.
* Experience in using **JUnit** and build tools such as **MAVEN.**
* Used Java Message Service (**JMS**) for reliable and asynchronous exchange of Important information such as loan status report.
* Collaborated with testers and developers and prepared test plans for producing high quality software applications
* Worked on **Log4j** for logging errors, messages and performance logs

**Environment:** Java 1.8, J2EE, HTML5, CSS3, JavaScript, JQuery, AngularJS, JSF, Ajax, Hibernate, JPA, Spring MVC, Spring, Spring IOC, Spring AOP, Web Services, SOA, SOAP, REST, Apache Camel, Servlet, JSON, JSP, JDBC, Docker, Oracle, WebSphere, Maven, Log4J, SVN, XML, Scrum, Unix, Junit.

**Client: Visa Inc., Fosters City, CA July 2016 – July 2017**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in Requirements gathering, analysis, and design, development, and Testing and Maintenance phases of the application.
* Implemented Agile development process on Software Development Life Cycle.
* **Cassandra** is a distributed database from Apache that is highly scalable and designed to manage very large amounts of structured dat.
* **Cassandra** followed by its architecture, installation, and important classes and interfaces.
* Designed and developed Application using **Spring Framework, Spring MVC and Spring Templates.**
* Used Spring Core for concept Inversion of control (IOC) implemented using dependency injection.
* Used Hibernate for connecting to the database and mapping the entities by using hibernate annotations.
* Used Hibernate Query Language (HQL) for writing the queries.
* Developed front end using the JSF, JSTL, HTML5, CSS3, Bootstrap, JavaScript, JQuery and AngularJS.
* Developed, enhance and maintain a **Spring Boot** based microservices application.
* Used the various annotation from netflix frameworks and **Spring Boot**, **Spring** cloud for load balancing, for enabling
* Creating UI controls using **JavaScript**, **CSS** and **HTML5**.
* Responsible to manipulate any **HTML5, CSS3** using **JavaScript** to make the page have a dynamic
* By Using **Microservices** Developed java modules implementing business rules and workflows.
* Analyze **Micro Services** defects in production environment and provide necessary fixes.
* Experience in Architecture, Design and Development of Object-Oriented Software Systems and building complex, high performance, scalable and easily maintainable solutions for N-tier, Web, experienced in developing UML Diagrams like use Cases, Class Diagrams and Sequence Diagrams using Rational Rose and MS Visio.
* Developed **Soap and Rest web service** clients to communicate with third party vendors.
* Involved in using REST API while integrating with servers.
* Created sequence and stored procedures for analyzing complex queries.
* Developed **Junit test classes for unit testing purposes**.
* Involved in setting up Maven configuration and helping Continuous Integration (CI) Issues.
* Involved in debugging the defects, code review and analysis of Performance issues.
* Involved in **peer level design & code reviews. Used GIT for version and source control**.

**Environment:** Java /J2EE, Multithreading, core Java, Spring 4.1/4.2, Hibernate ORM 4.3.0, Spring web-flow, Spring MVC, Spring Boot, Spring Hibernate, JSF 2.2, JSTL, HTML5 CSS3, Java Script, AngularJS, Bootstrap, XML, XSD schema, web services (Soap and Rest), JBoss 6.3, MAVEN, Oracle12g, GIT, JIRA, Junit.

**Client: Sierra Atlantic, Hyderabad, India May 2013 – Dec 2015**

**Role: Java Developer**

**Responsibilities:**

* Responsible for gathering business and functional requirements from the users.
* Analyzed **Use Case Diagrams** and created various **UML Diagrams** such as class and sequence diagrams.
* Followed **Spring MVC framework** to develop the application for the project.
* Designed and coded JSP pages and JavaBeans for different user interactive Web pages
* Implemented frontend components using **Struts** framework.
* Developed **JSP pages** using Struts custom tags.
* Writing JavaScript for client-Side validations and Dynamic Effects.
* Implemented the Web Services functionality in the application to allow access by external applications to the data.
* Utilized Apache Axis for the web service framework and created and deployed clients using **SOAP** and **WSDL.**
* Developed and implemented several test cases using JUnit and performed load testing.
* Used Hibernate as ORM tool and defined the mapping and relationship of each table in database.
* Coordinated with QA team to ensure the quality of the application.
* Deployed the application in IBM WebSphere Application Server.

**Environment**: Java, J2EE, JSP, HTML, XML, JavaScript, Struts, Hibernate, Eclipse, Apache Axis, Junit, WebSphere, DB2.