**Ram Prasad Reddy Kunduru**

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**Sr. Java/J2EE Developer**

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**PROFESSIONAL SUMMARY**

* 8+ years of experience as a Full Stack Developer with solid understanding in all the phases of the Software Development Lifecycle (SDLC), this includes **Analysis, Design, Development, Testing and Maintenance** of Java UI applications for large Enterprise Customers.
* Proficient with Software development methodologies like **Agile (Scrum) Methodologies** and Waterfall.
* Proficient in developing web pages using **HTML5, CSS3, jQuery, Bootstrap, JavaScript, Angular JS and Ajax** for providing the user interface and communication between the client and server.
* like **Singleton, Factory, MVC, Data Access Object and Business Delegate**. Experience in XML related technologies like **XSL, XSD, XPATH, DTD, and XML Schemas, XML Parsers like DOM & SAX.**
* Worked on **Lambda Expressions, Functional interfaces Stream API's, Time API, and Improvements on Collection, Concurrency, and IO** improvements by using Java 8.
* Managed Amazon Web Services like **EC2, S3 bucket, ELB, Auto-Scaling** through API Integration.
* Experienced in **AWS Dynamo DB** to capture the any modification on DB.
* Thorough knowledge of **Micro service architecture** and experience in implementing several design patterns
* Designed and developed Micro service business components using **Java /J2EE, Spring Boot** and Implemented REST web services based on RESTful APIs.
* Developed web-based enterprise applications using core **Java, J2EE, Servlets, JSP, JMS, JDBC, Hibernate, Web Services (SOAP and REST), MVC framework (Struts, Spring MVC), SQL and Object-Oriented Programming**
* Proficient in implementation of frameworks like **Struts, Spring (Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Cloud, Spring Data, Spring Batch, Spring TX).**
* Developed DAOs (Data Access Object) using Hibernate as ORM to interact with DBMS - like **MySQL, PostgreSQL, SQL server 2012, PL-SQL Oracle10g** and NoSQL databases like **MongoDB.**
* Good Experience in developing Web Services, Restful API using **Jersey** Framework, and SOAP using **Spring-WS.**
* Worked on Service Oriented Architecture (SOA) such as **Apache Axis web services** which use SOAP, REST, and WSDL and exposure to JAXB, JAX-RPC, and JAX-RS & JAX-WS.
* Proficient in core java concepts like **Collection Framework, Multi-threading, Generics, Annotations, Serialization, Thread pools, JavaBeans, Externalization.**
* Extensive experience in using **NPM, BOWER, Grunt and Gulp for build process.**
* Experience with **Docker images, Containers, push/pull with Spring Boot, used Jenkins for CICD and AI.**
* Perform API functional testing in **POSTMAN and SWAGGER.**
* Experienced with Middleware Technology Messaging Brokers like **JMS, Active MQ, RabbitMQ.**
* Involved in developing API's and RES TAPI proxy using **APIGEE** edge and for sending mobile notifications.
* Exposure of working in test environments, such as **Developer Integrated Test (DIT), System Integrated Test (SIT), User Acceptance Test (UAT) and Performance Acceptance Test environments (PAT).**
* Expertise in developing test cases with **Mockito and Junit**, determining application functionality.
* Experience on different IDEs such as **RAD, Eclipse, Spring Tool Suite, and IntelliJ.**
* Actively involved in the DevOps streamlining process through **Jenkins CI and CD** Release Automation.
* Configured and created application log files using **Log4J** to trace required application messages
* Extensive experience in implementation of the version control software **SVN, CVS, Git.**
* Hands on experience in building tools like **ANT, Maven, Gradle.**
* Extensively worked on Pivotal Tracker and **JIRA** tools for tracking the stories.
* Worked on deployment, installation, configuration and issues with Application servers like **Apache Tomcat, IBM Web Sphere and JBoss.**

**TECHNICAL SKILLS**

Java/J2EE: MVC, Log4j, XML, JSP, JDBC, JSF, JNDI, JUNIT, Web services, JMS 1.1, Struts, Spring, Maven

Frameworks Apache Struts 1.2.x/2.x, Hibernate 3.0, Spring 2.x

Web Technologies Angular JS, Node JS, Grunt JS, Bower JS, AJAX, HTML 5, CSS3, Bootstrap, jQuery, JSON.

Databases DB2, Oracle 11g, SQL Server, MySQL, PL/SQL.

Platforms Windows, Linux, UNIX, Macintosh, DOS.Version Control GIT, CVS, SVN.

Testing : Selenium, Junit

Web Services: REST, SOAP, AWS (Amazon web services).

Web Servers Apache Tomcat, JBoss 5.0/6.0, WebSphere, IntelliJ IDEA.

Tools Jenkins, JIRA, NetBeans, Rational Rose, UML, Agile, SCRUM.

**PROFESSIONAL EXPERIENCE**

**HEWLETT PACKARD ENTERPRISE –TOPEKA, KS June 2017 to Till Date**

**Java/J2EE Developer**

**Responsibilities:**

* Responsible for all stages of design, development, and deployment of applications.
* Involved in analysis, specification, design, and implementation and testing phases of **Software Development Life Cycle (SDLC) and used agile methodology (SCRUM)** for developing application.
* Designed dynamic and multi-browser compatible pages using **HTML5, CSS3, JavaScript, jQuery, and responsive interfaces using Bootstrap** for Rich UI experience.
* Utilized Java 8 features like **Lambda expressions and Stream API** for Bulk data operations on Collections which would increase the performance of the Application.
* Created **AWS EC2** instances and installed required configurations and applications on it and **created S3 buckets** for storing object level data into it.
* Experienced with event-driven and scheduled **AWS Lambda functions** to trigger various AWS resources.
* Deployed Spring Boot based Micro services using **Amazon EC2 container** services using **AWS admin console.**
* Used **Spring Boot** for building Micro services and developed Spring based application radically faster with very less configuration.
* Automated continuous integration delivery workflows to deploy Micro services applications to **Docker containers.**
* Used Redis for cache management and speeding up web applications.
* Used **Jenkins for CI/CD.**
* Created **Spring Batches** for running batch jobs and documented the use of Spring Batch.
* Integrated **RabbitMQ** and **Spring JMS API** to send and receive messages from RESTful APIs.
* Developed Restful API's using **APIGEE** platform.
* Worked on building **proxies and policies** with in **APIGEE** along with security frameworks.
* Worked on **MongoDB** database concepts such as **locking, transactions, indexes, replication, schema design, etc**.
* Secured REST API's by implementing **Oauth 2.0** token-based **authentication/authorization** scheme using **Spring security.**
* Extensively used **Hibernate mapping, HQL, EH Cache, Query, Criteria, Transactions and Locking**.
* Written and executed several **stored procedures, triggers, packages, views and functions using SQL Developer tool**.
* Developed the application and deployed in **JBoss Application Server.**
* Used **GitHub** for **code repository and version control.**
* Implemented **Automating API unit test** using Postman.
* Performed Unit Testing using **Junit, Mockito frameworks** for all the migrated modules to ensure complete code coverage.

**Environment:** Java/JDK, J2SE/J2EE, HTML5, CSS3, JavaScript, JQuery, Spring, Spring Boot, Spring Batch, Spring MVC, AngularJS, NodeJS, Ec2, S3, SDK, MySQL, SOA, JDBC, Redis, AWS, Hibernate, REST, JSON, RESTful, Eclipse, MAVEN, JUnit, Jenkins, JBoss, Linux OS, MongoDB, GIT, PL/SQL, Docker, ANT, JIRA, JMS

**Prudential Life Insurance, Newark - NJ May 2016 to June 2017 Full Stack Developer**

**Responsibilities:**

* Responsible for all stages of **design, development and deployment** of applications.
* Active role in **Test Driven Development** termed as TDD apart from Agile Software Development.
* Defined and **constructed layers, server-side objects and client-side interfaces based on J2EE design patterns.**
* Designed, analyzed and developed the front-end and back-end Servlets, B**ootstrap for designing, HTML5, CSS3, Ajax, Angular JS** for developing presentation layer.
* Created the Angular2 app using **Yeoman, Grunt and Bower** and used **Angular UI for component model.**
* Actively involved in using **MVC, HTML5** to enable client-side date to meet specific criteria by applying various validation variables and used the CSS classes to provide visual feedback on validation.
* Developed **SOAP based JAX-WS** Web Service interfaces for integrating multiple systems, code re-usability.
* Experience in end-to-end development and migrating the application to Cloud using the Amazon web services (AWS) availing services of AWS like EC2, Elastic Beanstalk, Elastic Search, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, RDS, ElastiCache, SNS, SQS, AMI and Dynamo DB
* Analyze business requirements and develop various business delegates to integrate with Middleware services like JAX-WS using **SOAP and REST.**
* Worked on **Rest Web services** for backend services used Oracle for database services and RESTful web services using **Jersey for JAX-RS** implementation.
* Developed Restful Web services for other systems to interact with our system and secured the service with **Spring-Security and Oauth-1.0.**
* Used **Spring MVC components** to implement business layer and **Spring Boot** for Micro-services.
* Designed and developed Micro services business components using **Spring Boot**. Consumed REST based Micro services with **Rest template based on RESTful APIs**.
* Used Spring AOP for **logging, auditing, transaction management** to distinguish business logic from the cross-cutting concerns.
* Worked on providing authorization and authentication to applications using **Spring security** and protected the application against attacks like session fixation and clickjacking.
* Utilized **spring core, AOP and security** to build robust business operations with transactional support.
* Configured **hibernate with Spring ORM** as part of spring and Hibernate Integration for best results.
* Sound knowledge in SQL within **Oracle, MySQL, MS-SQL Server 2012.**
* Implemented the function to send and receive AMQP messages on **Rabbit MQ** synchronously and asynchronously and send JMS message to **Apache Active MQ** on the edge device.
* Developed and Implemented **ANT and MAVEN** Scripts to automation of build process on MAVEN build tools to test the application manually and run the JUNIT Test suites.
* Developed **ANT scripts to build and deploy the application in the WebSphere Application Server**.
* Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system
* **Log4J** was used to monitor the error logs and used GIT as version control tool.

**Environment:** Java, J2SE/J2EE, JDK, Git, Spring, Hibernate, Web Services, JavaScript, HTML5, CSS, WSDL, JIRA, JAX-WS, JAX-RS, MYSQL, JMS, AWS, Oracle, Angular JS, WebSphere, ElastiCache, Spring, Spring Boot, Spring Batch, AJAX, jQuery, JUnit, Maven, ACTIVE MQ, Rabbit MQ

**IBG, Greenwich, CT March 2014 to May 2016**

**Java Developer**

**Responsibilities:**

* Full-stack developer working on presentation, application, business and persistence layer.
* Hands-on experience on **HTML5, Scala, CSS3, JavaScript, JSF, jQuery, Bootstrap and Angular.js** to design responsive UI page (Mobile/Tablet/Desktop) and collaborate with project manager, media engineer, content management team and QA team to improve multiple browsers page readability and CMS integration
* Developed responsive web application pages. Used **Angular.JS services, controllers and directives** for front end UI and consumed REST web service API
* Used Angular.JS to implement vans information **data binding** and created filter page to instantly show end users only the models that meet filter criteria.
* Used Docker for creating Docker images for launching containers on AWS EC2.
* Worked Integration of AWS, Elastic Search, Beanstalk and Docker with Kubernetes.
* All routing, data access, and caching were implemented as custom JavaScript code
* Developed proxy design pattern to implement van information fetching Restful API and coded backend function to access third party **SOAP** API - Chrome Data on "Compare Competition" page
* Designed service layer by using Spring Framework and developed business logic based on Spring MVC
* Developed **RESTful** endpoints, business and service layer components that support it using Spring and JAX-RS
* Developed the Enterprise Service Bus (ESB) as a gateway between the business tier and UI to make the business tier separate from UI
* Implemented **Dependency Injection (IOC)** feature of spring framework to inject beans into User Interface and AOP for Logging and transaction management
* Used Spring JMS related MDB to receive the messages from other team with **IBM MQ** for queuing
* Responsible for the technical direction and implementation of the **Spring Batch** framework
* Used **DAO pattern** to send input parameters and fetch data from database using Hibernate
* Developed **persistence Layer using Hibernate** to persist the data and to manage the data
* Configured development environment using **WebSphere** application server for developer's integration testing.
* Developed unit testing frame work using **JUnit** test cases for continuous integration testing and used JTest Tool for performance testing.

**Environment:** Java, Hibernate, Spring, XML, Tortoise SVN, JSP, DB2, MVC, Mongo DB, J2EE, Agile, AWS, JUnit, Maven, UML, JAX-WS, JAX-RS, Log4J, Oracle 11g, Agile methodology, JavaScript, Angular.JS, and RAD, PL/SQL, WebSphere Application Server.

**CA Technologies, Hyderabad - India November 2012 – Feb 2014**

**Java Developer**

**Responsibilities:**

* Involved in preparation of functional definition documents and Involved in the discussions with business users, testing team to finalize the technical design documents.
* Created business logic and application in **Struts Framework** using **JSP,** and **Servlets**.
* Worked on implementation of **MVC** pattern by using its **Custom Tag Library, UI Components, Server-side Helper Classes, Valuators, Event Handlers** and **Navigation Handlers**.
* Involved in developing **JSP** pages for the web tier and validating the client data using JavaScript.
* Developed web application using **Spring MVC** framework.
* Used **Spring DAO** concept in order to interact with **database (DB2)** using **JDBC** template.
* Proficient in Core Java concepts like **Collections, Multithreading, Data Structures, Serialization, and JavaBeans.**
* Developed **XML** documents and generated XSL files for Payment Transaction and Reserve Transaction systems.
* Implemented **SOAP** using Web services to communicate with other systems.
* Developed **JDBC** code for backend processing.
* Used Subversion for version control and **log4j** for logging errors.
* Involved in writing test cases for testing functional specification and for unit testing
* Wrote **Oracle PL/SQL** Stored procedures, triggers.
* Interacted with testing team to fix defects.

**Environment**: Java, J2EE, Struts, JSP, JDBC, Servlets, JavaScript, JUnit, Hibernate, WebLogic, Log4j, Maven, CVS, PL/SQL, Oracle, Windows, Linux, Net Beans, Apache Tomcat, SVN, DB2, MVC.

**Syntel, Hyderabad - INDIA June 2010 to November 2012**

**Software Associate**

**Responsibilities:**

* Developed Use cases, Class diagrams, Sequence diagrams and Data Models using Rational Rose
* Implemented MVC design pattern with Spring framework
* Designed and developed front view components using JSP and HTML.
* Used Core **Spring** for Dependency Injection
* Implemented the persistence tier using **Hibernate** framework.
* Used **AJAX and Java Script** for implementing interactive web pages.
* Developed SQL stored procedures and **prepared statements** for updating and accessing data from database.
* Performed unit testing by writing **JUNIT** test cases.
* Used Maven scripts for building the application and **GitHub** for source code management.

**Environment:** Java, JSP, JSTL, Spring, Hibernate, MySQL, XML, HTML, Java Script, AJAX, JUnit, log4j, Apache Tomcat, WebSphere.