**Gopireddy**

**Sr. Backend Java Developer**

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**SUMMARY:**

* Having 9 years of professional experience of developing enterprise applications using Object Oriented methodologies, enterprise technologies, frameworks and design patterns.
* Experience in all the phases of Software Development Life Cycle - analysis, design, development, deployment, testing and maintenance of enterprise applications.
* Proficient in using various design patterns such as MVC, Data Transfer Object, Value Object, Singleton, Service Locator, Session Façade, Factory Pattern and DAO.
* Work experience in designing and developing Enterprise Applications in J2EE using Core Java 1.8 and J2EE framework.
* Experience developing front-end components using JSP, HTML5, CSS, and JavaScript, Ajax.
* Excellent understanding and expertise in web tier frameworks like Struts and Spring MVC.
* Knowledge in all components of struts-config file. Well-versed with various struts actions classes.
* Hands on development experience in Core Java and J2EE Design Patterns.
* Excellent hands on experience on Struts framework and extensively used Validator Framework and Tiles Framework
* Experience in in SQL queries, PL/SQL, Stored Procedures to interact with Oracle and MS SQL Server databases
* Expertise in Web page creation using HTML, JavaScript, JQuery, AngularJS, Less CSS.
* Used Angular JS as the development framework to build a single-page application.
* Knowledge on experience in creating Angular modules, controllers, directives, and filters to deploy the entire business logic
* AngularJS to consume restful services.
* Expertise in developing Middle-Tier components using Enterprise Java Beans (EJB) and other Remote Components
* Strong development experience on creating rich frontend UI in AJAX/JavaScript technologies using JavaScript libraries like HTML5, CSS3, JQuery, JSON, AJAX, NodeJS, AngularJS.
* Experience of Object Relational mapping frameworks like Hibernate and JPA
* Good knowledge and experience in implementing open source frameworks Hibernate and Spring
* Expertise in development using Servlets, JDBC, JNDI, Spring, Hibernate, JSF, EJB2.0/3.x, XML, Web Services- SOAP, WSDL, REST(JAX-RS), Micro Services.
* Expertise in troubleshooting Production incidents/issues
* Expertise in developing Service Oriented Architectures (SOA) and clients to use Web services.
* Well versed with all parts of WSDL.
* Hands-on experience in implementing RESTful Web services.
* Used various web servers like Apache Tomcat, Camel-JBOSS and IBM Web Sphere
* Good knowledge with Cassandra NoSql database.
* Experience on different Operating Systems - Windows 2003/2008/XP/Vista/7, Linux and Unix
* Experience with automation using GIT Docker Jenkins, Ansible, and Chef
* Experience with Virtualized the servers using Docker for the test environment and dev environments needs, also configuration automation using Docker containers.
* Experience in using Version Control Systems like CVS, SVN and Clear Case
* Good knowledge on implementing an express-graphql library to mount a graphql API server on the user configured HTTP
* Strong knowledge on graphql schema, queries and mutation to interact with RDBMS.
* Good interpersonal skills, excellent verbal, written and presentation skills and can work both independently and in a team.
* Knowledge on spark for data ingestion application to bring data from source system to Hbase using spark streaming .
* Experience in a public cloud like Amazon EC2 (AWS).
* AWS EC2 and Cloud watch services, CI/CD pipeline management through Jenkins. Automation of manual tasks using Shell scripting.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Received Appreciations for Successful and Smooth rollout of the Enterprise Applications in the Production environment.

**EDUCATION:**

* Bachelors in Electrical and Electronics Engineering from Bharat Institute of Engg and Tech. in 2010
* Masters Silicon Valley University, California. Computer Science 2016

**TECHNICAL SKILLS:**

| **Languages** | C, C++, JAVA, J2EE |
| --- | --- |
| **Java/J2EE** | Java, J2EE, Servlets, JSP, Java Beans, JDBC, EJB Web Services, |
| **Database Query Language** | SQL, Oracle, MS SQL Server, MYSQL, DB2 |
| **Markup/Script Languages** | HTML 4/5, CSS 2/3 JavaScript, XML and jQuery |
| **Frameworks** | Struts, Spring, Spring Boot Hibernate, JavaScript, AngularJS, Web services SOAP, SOP, Restful, spark,Kafka messaging queues. |
| **Web Technologies** | XML, WSDL, SOAP, DOM, CSS, HTML,0 JAVASCRIPT and AJAX. |
| **Application/Web servers** | IBM WebSphere8.0, Apache Tomcat, WebLogic 8.x/7.x, and Jboss. |
| **IDE Tools** | Eclipse, RAD, JDeveloper 9.0, Teradata, Visual Studio and Net Beans |
| **Operating Systems** | Windows NT/XP/2000, Unix, Linux, Redhat Linux, Mac OS and UNIX |
| **SCM Tools** | CVS, Perforce, Clearcase, SVN, Subversion, GIT |
| **Testing Tools** | Junit, Mockito |
| **Build and Automation** | Maven, ANT, Gradle, Jenkins, JIRA |

**PROFESSIONAL EXPERIENCE:**

**Client: Genaral Motors , Austin,TX March 2023 – Oct 2023 Role: Sr Back end Java Developer**

**Responsibilities:**

* Involved in the requirements analysis and design of UI.
* Worked closely with cross functional teams such as UI,product managers, QA engineers to ensure seamless integration of backed systems with other components of the application.
* Worked in a highly dynamic AGILE environment and participated in scrum and sprint meetings.
* Design and implement API using Restful API components, Springboot and microservices.
* Conducting software analysis, testing, updating and debugging.
* Implemented Swagger ednpoints for each individual microservice component.
* Design and implemented the components using TDD approach.
* Used advanced lava 8 features like Lambda expressions for array operations, Streams, Method
* Strong experience in Multithreaded application to create quartz schedule jobs for multiple lines at same instance.
* Implemented Data access layer using spring data JPA for communicating with Database.
* Worked on authentication and authorization using spring security JWT token mechanism.
* Developed unit test cases using Mockito framework for testing accuracy of code and logging is done using SLF4J + Log4j
* Used postman to check JASON data received from the services.

**Client: Verizon, Tampa, Florida Oct 2020 – March 2023 Role: Sr Back end Java Developer**

**Responsibilities:**

* Created rest client API for the application. Consumed SOAP and Restful Web services from the interfacing systems such as billing, provisioning, point of sale, data usage analysis etc.
* Strong experience in Multithreaded application to create quartz schedule jobs for multiple lines at same instance.
* Worked as a secondary DevOps engineer like writing packaging code, release management and Jenkins Configuration to build and upload on Artifactory.
* Developed using new features of Java 8 annotations, Generics, enhanced for loop and Enums.
* Used advanced lava 8 features like Lambda expressions for array operations, Streams, Method
* reference collections.
* Implemented design patterns like MVC, Singleton, Business
* Developed web application to manage data flow in the risk management applications utilizing tech stacks such
* as Angular 11, Typescript, HTML5, CSS, and Material design components.
* Upgraded applications in Angular11 latest version to improve the performance and resolving peer dependencies in
* Developed Application to asses JSON and XML from Restful web service from consumer side using JavaScript and Angular11.
* Followed Test Driven Development (TDD), Domain Driven Development, Scrum concepts of the Agile Methodology to produce high Quality Software.
* Extensively used Java 8 features such as lambda expressions, Parallel operations on collections, multithreading and for effective sorting mechanisms.
* Also integrated AWS with other application infrastructure.
* Used Streams and Lambda expressions available as part of Java 8 to store and process the data
* Strong experience on information retrieval concepts, especially using tools such as Elasticsearch integrated Java and angular based application.
* Experience on processing the messages into the Kafka setup with Spring boot microservices
* Managed Branches, Tags for each release and merged the branches after the code freeze.
* Design and build Docker tools and integrations like Docker images and Docker Plugins.
* Used Docker containers for managing development environments through creation of Linux virtual containers as partial CI/CD resource.
* Used Jenkins Jobs for build automation to compile and generate EAR/WAR files and deployment to environments.
* Kafka integration with spark using spark streaming API.
* Experience in Gradle build tool and understanding the artifactory and repo structure.
* Used Maven and Gradle scripts for building and deploying the application in web/app servers.
* Writing Splunk Queries, Expertise in searching, monitoring, analyzing and visualizing Splunk logs.

**Environment:** Spring, Spring Boot, Spring MVC, Hibernate, Oracle 11g, Log4j, DB2, Maven, XML, Windows.

**Hayneedle Omaha, NE Oct 2019 – Sept 2020**

**Java Backend Developer**

**Responsibilities:**

* Develop Involved in the complete SDLC (software development life cycle) of the application from requirement analysis to testing
* Followed Agile Methodology in analyze, define, and document the application, which will support functional and business requirements. Coordinate these efforts with functional architects
* 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 and developed Micro Services business components using Spring Boot
* Implemented Spring Cloud-Netflix OSS Stack along with Netflix Zuul API Gateway with Eureka Service Registry for reverse proxy infrastructure and Hystrix Circuit Breaker for fault tolerance
* Used complete annotation driven approach to develop the application using Spring Boot and was involved in setting up the Spring bean profiling.
* Implemented the application using Spring MVC framework and handled the authentication, authorization, and access-control features by using Spring Security.
* Configured spring beans following the Spring Frameworks Dependency Injection and Inversion of Control principle, both xml and annotation based.
* Implemented the application using the concrete principles laid down by several design patterns such as DTO, Intercepting Filters, Singleton and Data Access Object.
* Used Hibernate, object / relational data model with an SQL-based schema.
* Used Jersey to implement Restful Web Service and used XML form to transfer the data.
* Used Rest Controllers to replace the existing operations layer , which acts as bridge between business layer and the UI.AW
* Experience in creating RESTFUL web services using Jersey, Spring framework and JAX-RS.
* Experienced in developing applications using WebSphere, Weblogic, Apache, and Tomcat.
* Written SQL Queries and stored procedures to interact with MySql.
* Involved in installing and configuring Maven for application builds and deployment.
* Knowledge in creating, maintaining and cleanup the containers on Docker.
* Deployed the Dockerized Spring Boot application using AWS Elastic Bean Stalk
* Have idea on Docker containers for eliminating a source of friction between development and operations.
* Deployed the Docker image of services building Docker file and build a continuous delivery pipeline for containers using AWS Code Pipeline and Amazon ECS.
* Performed code review and unit tested the application using Junit framework.
* Used Bamboo as the integration tool and improved scalability of applications on cross-platforms.
* Used GIT to maintain the version of the files and IntelliJ as IDE< took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts.
* Experience on processing the messages into the Kafka setup with Spring boot microservices
* Good experience in implementing Junit for unit testing and Gradle, maven build tools to compile ,package and deploy the components to the application servers in different environment.
* Used Gradle to build the framework and Jenkins for CI CD.
* Have Knowledge on partition of Kafka messages and setting up the replication factors in Kafka Clusters

**Environment:** Agile Methodology, Java 1.8, J2EE, Spring, Hibernate, MVC, Restful Web Service, Micro Services, DB2, MySql, Glassfish application server, Log4J, Jira tool, Maven, Oracle, Junit, Kafka.

**Wyndham Destinations, Carmel, IN July 2018 – Sep 2019**

**Java Full Stack Developer**

**Responsibilities:**

* Developed new service which makes call to the AU (available units page)
* Involved in various phases of SDLC of the application which involves Design, Development, Testing, and Requirements gathering
* Created and used the REST API while navigating through the AU page in the application
* Also implemented Micro Service architecture for two modules AU rental and created listener
* Used OAuth for generating tokens which helps in authentication
* Developed a rich view client interfaces for web application using AJAX/jQuery
* Refactored lots of JSP and HTML to TypeScript, Angular 4
* Used Tiles Framework in the application which is based on MVC pattern
* Worked with Spring Boot for automatic configuration and starter for Maven configuration and performed metrics and externalized configuration.
* Developed RESTFUL web services using Spring Boot and Apace CXF framework
* Used Hibernate framework for interacting with Oracle DB for performing CURD operations
* Used Log4j for logging the flow of the application
* Implemented Java 1.8 features including Lambda, advanced for each loop, and streams
* Used Jenkins for the continuous integration of the project
* Used Junit framework for through UnitTesting the application
* Used the MAVEN for building the application
* Used SQL statements and procedures to fetch the data from the DB
* Used JIRA for tracking the status of the project and also for logging the bugs
* Used GIT for efficiently managing the source code versions with the development team
* AGILE (scrum) development methodology has been followed to develop the application participated in the sprint
* Configured and deployed the application in Apache Tomcat application server.

**Environment:** Core Java, J2EE, Spring 4.x, Hibernate, JSP, Restful Web Services, Spring Boot, AJAX, SQL, XML, JSON, HTML, Angular JS, CSS, Java Script, Log4j, Sonar Qube, GTM, Maven, Apache Tomcat, Oracle DB, GIT, Eclipse.

**Expedia, Springfield, MO Jan 2017 – June 2018 Java Developer**

**Responsibilities:**

* Responsible for designing and developing high performance throttling service.
* Created rest client API for the application.
* Worked on AJAX implementation to retrieve the content and for displaying it without reloading the existing page.
* Developed user interface using JSP, Java Script, HTML5 and CSS.
* Involved in the development of project back-end logic layer by using most of the core java features such as Collection Framework, Interfaces, and Exception Handling programming.
* Tested the entire application using JUnit.
* Implemented batch configuration in spring boot application. Created the Maven project to integrate Spring boot, Restful API, Oracle & Microservices.
* Used Spring Boot at back-end which helps to develop application with ease
* Participated in Build & Deployment activities using Gradle build scripts.
* Involved in various SDLC Life cycle phases like design, development, testing, documentation, deployment & maintenance of application software.
* Development involved technologies like Java, J2EE (Multithreading, JNDI, XML Parsers), JSP, Servlets and Spring MVC.
* Implemented business logic using Session Beans, Servlets and Stored Procedures.
* Used Hibernate ORM Framework for the persistence layer.
* Developed JSP pages, Controller, Helper & Validator classes for the application. Used JavaScript for client-side validation.
* Writing SPA (Single Page Application) using AngularJS.
* Used AngularJS as the development framework to build a single-page application.
* Used JIRA for project stories, defect tracking and raising different type of severity of the defects. Familiarity with Service oriented architecture (SOA) by developing and consuming Restful web services based on JAX-RS and Jersey.
* Designed Presentation layer using JSP, Struts framework and did front-end validations using JavaScript and JQuery.
* Developed application using AngularJS to implement Single Page Architecture (SPA).
* Used log4j for logging info and are helpful in debugging the issues.
* Used GIT Bash as a version control tool.
* Improving the coding standards, code reuse, and performance of the application by making effective use of various design patterns.
* Used ng-table, ng-grid and various types of Angular Directives.
* Opened CRQs to deploy the application in Stable and Production environments and deployed the application in Development, DB-Dev, Stable and Production environments and validated the application upon successful deployment.
* Worked on Vagrant development environment for local verification.
* Prepared and executed test cases for Unit, System and Integration testing using JUnit.
* Used log4j for logging info and also for debugging the issues.
* Worked on Sonar for the check style issues.
* Used Crucible for reviewing the code.

**Environment:** Java 1.8, Spring, Spring Boot, Spring MVC, CSS, Hibernate, Struts2, HTML5, JavaScript, JSP, JSTL, Junit, Oracle 11g, Log4j, Maven, Ant, Gradle, XML, Windows, JQuery.

**GE HealthCare, CA (Remote) Oct 2015 – Dec 2016 Java Developer**

**Responsibilities:**

* Responsible for designing and developing high performance throttling service.
* Created rest client API for the application.
* Worked on AJAX implementation to retrieve the content and for displaying it without reloading the existing page.
* Actively involved in Analysis, Design, Development, Deployment, System Testing and User Acceptance Testing. Successfully followed agile methodology in the scrum cycle model.
* Involved in core java coding by using java API such as collections, multithreading, exception handling, enumeration and Java I/O to fulfill the implementation of business logic
* Refactored existing monolithic application by identifying components by identifying components that needs to be transformed to micro services architecture, with spring-boot-based services interacting through a combination of Rest and Aws API-Gateway.
* Designed and implemented application using Spring Boot, Spring MVC, Spring IOC, Spring annotation, Spring AOP and Spring JDBC.
* Implementing or exposing the Micro Services architecture with Spring Boot based services interacting through a combination of Restful web services for transmission of data in JSON format.
* Developed JSON services JAX-RS and JSON documentation using Swagger API.
* Used Hibernate mappings, relationships between tables and entity classes to access and update information in the database.
* Developed JUNIT test cases for unit testing the integration layer
* For document database we use Dynamo DB for storing millions of requests per second. It’s a fully managed database with backup and restore and in memory caching for applications
* Utilized Postman for testing the services based on how API are running by using postman collection.
* Used Bitbucket as Version control system for the application and JIRA as defect management.
* Worked with Production support team in debugging and fixing various production issues.

**Environment:** Java, JDBC, Servlets, Struts, JSP, Hibernate, Java Mail API, AJAX, ANT, HTML, JavaScript, CSS, XML, ANT, Log4J, SVN, RAD, WebSphere, Putty, TOAD, Oracle 9i/10g

**IndoGlobal Health Sciences, India Nov 2012 – Dec 2013**

**Java Developer**

**Responsibilities:**

* Analyzing System Requirements and preparing System Design document, Mockup documents.
* Full life cycle experience including requirements gathering, business analysis, high level design, detailed design, data design, coding, testing, and creation of functional documentation.
* Expertise in Core Java coding and development using Multithreading and various design Patterns.
* Used agile methodology such as extreme programming (XP) to improve the quality of code and to meet the change in customer requirements even at the late stage of development process.
* Developed the presentation Tier using HTML, JSP, and JavaScript.
* Used Struts Validation framework to perform the client-side validations.
* Used EJB Session Beans to develop the business logic.
* Used JSTL and developed custom tag libraries to use in the JSP.
* Used Hibernate ORM Framework for the persistence layer.
* Used XML, XSD to design the SOAP based web services.
* Consumed SOAP based web services.
* Used design patterns such as Singleton, Service Location, Business Delegate, Session Façade and DAO.
* Develop the code for GUI using JAVA, JSP, JavaScript, Ajax, spring, Hibernate and HTML.
* Used AJAX extensively to create user specific search in an application
* Developed Unit Test Cases using JUnit.
* Implemented collection framework using Hash maps, Linkedlist, Tree map.
* Used Eclipse as the IDE.
* Hands on experience with Core Java with multithreading, Concurrency, Exception Handling, File handling, IO, Generics and Java collections
* Used Ant for the build and deployment.
* Used Clear Quest for Defect Tracking purposes.
* Used Rational Clear Case for revision control.
* Used UNIX environment to deploy the applications into QA environments.

**Environment:** J2EE, JSP, JQuery, JSTL, MVC Design, HTML, SQL Server, Struts, Hibernate, HTML, XML, AIX/Unix, XML Spy, CVS, WebSphere Application Server (WAS), Sonar, CSS, web services, RQM, RSA, Clear Case & Clear Quest.