**Gopinath Popuru**

**Sr. Java Fullstack Developer**

**Professional Summary**

* Experienced software engineer and Java developer with 8 years of expertise in Analysis, Design and Implementation of object-oriented applications in the client/server, Webservices, distributed, integrated environments using **J2SE** and **J2EE** technologies**.**
* Experience in designing and developing **Java** and **J2EE** applications using IDEs like Eclipse, Idea Intellij.
* Solid experience with **Core Java** fundamentals such as Multithreading, Collections, Generics and Annotations.
* Expertise in developing Web/UI Components **using HTML5, CSS3, JavaScript, Angular, Reactjs, JSON, jQuery and Ajax.**
* Extensive knowledge in developing applications in a single page (SPAs) using various JavaScript frameworks like **Angular**, **React**.
* Expertise in using **Angular** directives, Components, Services, Modules, Templates and Events.
* Expertise in using **React JS** components, Forms, Events, Keys, Router, Animations and Flux concept.
* Experience in Java/J2EE technologies which involves **JDBC, Servlets, JSP 2.0, JSF, Struts, XML, JAXB, Web Services (SOAP, REST), Hibernate, JPA, Spring Framework** and **Spring Boot.**
* Experienced with **XML** related technologies such DTD/Schema, XML, **XSLT**, and XPATH.
* Hands on experience in writing PL/SQL Stored Procedures, Triggers, Functions and Packages besides writing standard **DDL** and **DML** queries.
* Used **Docker** container for eliminating a source of friction between development and operations.
* Automated application deployment in the cloud using **Docker** technology using elastic container service scheduler.
* Knowledge in using Amazon Web Services like **EC2**, Elastic Beanstalk, **CloudWatch**, CloudFront, CloudFormation, IAM, S3, **RDS**, Elastic Cache, SNS, SQS, AMI.
* Experienced in performing unit testing using JUnit, **Test NG**, **Mockito**, integration and deployment of applications using tools such as ANT, **Maven**, **Gradle**, Jenkins & debugging through log4j and Splunk.
* Experience in working with messaging systems like **Kafka**, Kafka event Sourcing.
* Experience using **Hibernate** for mapping Java classes with database and using Criteria API and HQL and writing Data base Stored Procedures, Functions, Packages and Triggers and work experience on **RDBMS** like **Oracle** and My SQL, and NoSQL database like **MongoDB**.
* Good experience with **Unix/Linux** commands and exposure with CA **Autosys** tool for Job Scheduling as per the business requirements.
* Good experience in working with **SDLC** methodologies Waterfall and **Agile/Scrum** and involved in all phases of the application life cycle process.
* Excellent team player with good communication, analytical and problem-solving skills and experience in working with different operating systems like **Windows** and **Linux**.
* Quick learner with ability to grasp new technologies and committed to excellence, self-motivator, fast-learner and a prudent developer with good problem-solving skills and good programming capabilities.

**Technical Skills:**

| **Languages** | C++, Java, PHP, PL/SQL |
| --- | --- |
| **Technologies** | J2SE,J2EE, JDBC, Servlet, JSP. |
| **Web Technologies** | HTML5, CSS3, JavaScript, jQuery, Angular11, JSON, React.JS, Ajax. |
| **Databases** | Oracle, MySQL, SQL Server, Mongo DB, Cassandra. |
| **Web Servers** | Apache Tomcat, Web Logic, JBoss, IBM WebSphere Application server. |
| **Frameworks** | Spring (MVC, AOP, ORM, Web Service, DAO etc.), Spring Boot, Hibernate ORM 5.0.2, Struts |
| **IDEs** | Eclipse, Idea Intellij, Visual Studio Code, PHP Storm |
| **Web services** | SOAP, RESTful, Microservices |
| **Methodologies** | Agile development methodologies, Waterfall methodologies |

**Work Experience**

**BNY Mellon Apr 2021 – Present**

Jersey City, NJ

**Sr. Java Fullstack Developer**

**Responsibilities:**

* Actively participated in all the **Scrum Ceremonies** like Sprint Planning, Daily Stand-up, Sprint Review, and Retrospective.
* Developed and designed large web applications which use data that can change over time, using **Angular11**, HTML**5** and **CSS3**.
* Created Angular components, services from command prompt using **AngularCLI**.
* Developed various **Angular** reusable components and templates that can be re-used at various places in the application.
* Involved in the development of programming user interface design and front-end for the web application using **Typescript**.
* Designed and developed **Micro services** business components and **Restful** service endpoints using Spring Core, and converted a monolithic app to micro services architecture using **Spring Boot** framework.
* **Customized micro services** using mosaic framework to maintain the standards of Pershing technologies**.**
* Implemented **Kafka producer** and consumer applications on Kafka cluster setup with help of Zookeeper and used Spring Kafka API calls to process the messages smoothly on **Kafka Cluster** setup.
* Monitors operational flows in real time using **Splunk** tool and also it indexes and correlates information in a container that makes it searchable, and makes it possible to generate alerts, reports and visualizations.
* Actively engaged in **sprint planning** and sprint refinement and **retrospective** meetings to gain knowledge of different aspects of the applications from other team members.
* Developed and performed testcases for Angular components using jasmine and **Karma**.
* Developed JUnit test cases to unit test the business logic and involved in testing the application in the integration environment using **Mockito** framework and used **Slf4j** for application logging and debugging.
* Coordinated with **QA** testers for end-to-end unit testing and post-production testing.
* Used Continuous delivery / Continuous Integration (CD/CI) tools **Docker**, **Jenkins** to deploy this application and used **GIT** for Version Control of code for incremental development.
* Deployed the applications on Apache Tomcat Application Server.
* Used **Maven** tool to build and deploy J2EE Applications and for the local development used **eclipse** ide tool for developing enterprise applications.
* Implemented issue tracking and resolved critical issues and defects using **Jira** dashboard, worked collaboratively with other team members to avoid escalations, and involved in **code reviews** and suggested refactoring of code for extensibility.

**Environment:** JavaScript, HTML5, CSS3, Java 11, Angular 11, TypeScript, Spring5, Rest, Slf4j, Junit, Tomcat server, Maven, Git, XML, Jenkins, Junit, log4j, Kafka, Jira, Mockito, OAuth, Kafka, Swagger, Splunk, Microservices, Spring Boot, Eclipse, Visual Studio Code.

**Walmart Labs Sep 2019 – Mar 2021**

Reston, VA

**Sr. Java Fullstack Developer**

**Responsibilities:**

* Actively participated in all the **Scrum Ceremonies** like Sprint Planning, Daily Stand-up, Sprint Review, and Retrospective.
* Implemented jQuery to make the **HTML5** and **CSS3** code interact with the JavaScript functions to add dynamism to the web pages on the client side.
* Achieved scalable websites by focusing on accurate implementation of **React JS** and **Redux**. And implemented various screens for the front end using React.js and used various predefined components from **NPM** (Node Package Manager) and redux library.
* Developed and designed large web applications which use data that can change over time, using the **ReactJS** features like state, action, and event management.
* Monitors operational flows in real time using **Splunk** tool and also it indexes and correlates information in a container that makes it searchable, and makes it possible to generate alerts, reports and visualizations.
* At the time of initialization of devices if any of the device is disconnected for the **POS machine** then will pull the application (**Elmo**) logs and do the thorough analysis in log to figure out the root cause of disconnection of devices.
* Actively engaged in **sprint planning** and sprint refinement and **retrospective** meetings to gain knowledge of different aspects of the applications from other team members.
* With the help of **Nexus** repository managed many artifacts formats like **Docker**, Java and npm and also used Walmart Cloud Native Platform (**WCNP**) a kubernetes based platform to deploy the developed applications.
* Designed and developed **Micro services** business components and **Restful** service endpoints using Spring Core, and converted a monolithic app to micro services architecture using **Spring Boot** framework.
* Designed and implemented the **Rest API** for the UI screen through the mobile user can leave their phone number and the convenient time so as to have the CustomerService Representative would call them back at the provided number and as per their mentioned convenient time.
* Worked on **AWS S3** for storage of data for storing of artifact and Images and created IAM role with S3 access and integrated that role to **EC2** instance.
* Developed JUnit test cases to unit test the business logic and involved in testing the application in the integration environment using **Mockito** framework and used **Slf4j** for application logging and debugging.
* Implemented **Kafka producer** and consumer applications on Kafka cluster setup with help of Zookeeper and used Spring Kafka API calls to process the messages smoothly on **Kafka Cluster** setup.
* Used Continuous delivery / Continuous Integration (CD/CI) tools **Docker**, **Jenkins** to deploy this application and used **GIT** for Version Control of code for incremental development.
* Deployed the applications on Apache Tomcat Application Server. Used **Maven** tool to build and deploy J2EE Applications and for the local development used **eclipse** ide tool for developing enterprise applications.

**Environment:** JavaScript, HTML, CSS, Java 8, ReactJS, Spring4, Rest, MyBatis, Slf4j, Junit, Tomcat server, Maven, Git, XML, Jenkins, AWS, Junit, log4j, Kafka, Jira, Mockito, OAuth, Kafka, Swagger, AWS, Kubernetes, Hibernate, Splunk, Microservices, Spring Boot.

**GAP Inc. July 2018 – Aug 2019**

Pleasanton, CA

**Sr. Java Fullstack Developer**

**Responsibilities:**

* Analyzed the requirements and estimating the Level of effort and involved in Full **Life Cycle** of Software Development (**SDLC**) from Analysis through Design, Development, Integration, and testing phases and contributed the timeline to business and giving updates every week. And achieved the timeline and delivering quality output to Business.
* Responsible for creating efficient design and developing user interaction screens using HTML, CSS3, Bootstrap, JavaScript, **Angular6** and NodeJS.
* Implemented **Angular** Router to enable navigation from one view to the next as customer performs application tasks.
* Migrated an application developed in **Angular6** to Angular7.
* Worked with Jasmine in testing and Protractor for unit testing **angular** modules.
* Developed **Micro Service** to provide Restful API utilizing **Spring Boo**t with various data persistence frameworks such as Hibernate, Spring Data JPA and messaging engines.
* Developed **micro services** architecture using **REST** API's, Spring boot to create them as a induvial services and connected to different data sources and the communication between those will happen through **Kafka consumers** and Kafka topics.
* Implemented various **REST services** for the application because it interacts with various number of data formats like XML, HTML and JSON etc.
* Designed and developed Microservices based business components and RESTful service endpoints using **Spring boot**.
* Worked on different module of Spring including Spring **MVC**, Spring **ORM** and Spring Boot to develop production ready and easily deployable applications.
* Used **Hibernate** mappings, relationships between tables and entity classes to access and update information in the database. And, the development of DAO layer using Hibernate Template**,** JDBC **Template** Operations.
* Implemented Spring boot microservices to process the messages into the **Kafka cluster** setup and have knowledge on partition of **Kafka** messages and setting up the replication factors in Kafka Cluster.
* Used **splunk** tool to monitor the application logs and then created alerts and dashboards for various enterprise applications.
* Implemented **Cassandra** database to store the data across application and worked on SQL **queries** with Oracle SQL developer to select, insert, update, joins etc. for testing and development purpose in local environment.
* Used **JUnit**, Log4j, **Easy mock** and **Mockito** for writing and implementing Unit test cases and used Junit and TestNG testing Framework as a **test runner** and JIRA for Project management.
* Developed, and implemented architectural solutions involving multiple Pivotal Cloud Foundry (**PCF**) foundations on VMware virtual infrastructure (on-premises).
* Used **Gradle** tool to build and deploy J2EE Applications and used **Gitlab** for source code repository and **eclipse** ide for local environment development of application. Used **Log4j** to print logging, debugging, warning and info on server console.
* Setup Continuous integration with **Jenkins** and make use of wide range of plugins available to setup smooth developer friendly workflows.
* Helped individual teams to set up their repositories in bit bucket and maintain their code and help them setting up jobs which can make use of **CI/CD** environment.
* Used **WebSphere** server to deploy the web applications we developed by creating the war files.
* Prepared unit **test cases** for existing functionality as per the requirement and execute the same and performed **Integration** testing support and involved in **bug** fixing and involved in troubleshooting bugs and debugging application to enhance **performance** of the application.

**Environment:** HTML, CSS, Angular6, JavaScript, Java8, Spring, Hibernate, Rest, IBM DB2 database, IBM WebSphere application server, Maven, Gitlab, Eclipse, XML, Json, Junit, log4j, Kafka, Jira, Cassandra, Docker, Splunk, Log4j, Gradle, Hibernate, Microservices.

**Bank of America May 2017 – June 2018**

Newark, DE

**Sr. Java Backend Developer**

**Responsibilities:**

* Interacted with **product owners**, stakeholder to gather requirements, and prepare **documentation** on the same.
* Extensive use of HTML**, JSTL, JSP** and **jQuery** for the presentation layer along with **JavaScript** for client-side validation.
* Implemented jQuery to make the **HTML** and **CSS** code interact with the JavaScript functions to add dynamism to the web pages on the client side.
* Extensive use of HTML with **JavaScript** and **jQuery** for the presentation layer.
* Designed and developed the applications under **J2EE** Architecture using Spring, Spring Batch, Spring Boot Hibernate.
* Used **Spring** AOP for cross-cutting concerns and **IOC** for dependency injection.
* Designed and developed Micro Services business components and RESTful service endpoints using **Spring core.**
* Developed Web services with **JAX-RS** for invoking the methods using **REST** webservices.
* Implemented **MyBatis** framework to map the SQL statements using an XML descriptor or annotations.
* Implemented **oracle** database to store the data across application.
* Written Autosys **JIL** scripts and scheduled jobs using CA Autosys tool.
* Implemented **Autosys** tool for scheduling batch jobs as per the business requirements.
* All batch jobs will run according to the scheduled time with **AutoSys** tool in lower level and productions environments.
* Used **log4j** for application logging and debugging.
* Created git repos and Jenkins jobs for the build and deployment of Microservices in **Docker** Container.
* Experience building micro services and deploying them into **Kubernetes** cluster as well as Docker Swarm.
* By using Jenkins as a full cycle continuous delivery tool involving package creation, distribution, and deployment onto tomcat application servers via shell scripts embedded into **Jenkins** jobs.
* Developed **Junit** test cases for all the developed modules.
* **Unit tested** the application to confirm that the vulnerabilities are addressed and conducted technical knowledge sessions to the **QA** team.
* Involved in **code reviews** and suggested refactoring of code for extensibility.
* Deployed the applications on Apache **Tomcat** Application Server.
* Used **Maven** tool to build and deploy J2EE Applications.
* Used **Git** for source code repository and **Eclipse** ide tool for local development of the application.
* Implemented **issue tracking** and resolved critical issues and defects using **Jira** dashboard.

**Environment:** JavaScript, HTML, CSS, jQuery, Java7, Spring3, Rest, MyBatis, Oracle, Autosys, log4j, Junit, Tomcat server, Maven, Git, XML.

**Star Touch India Pvt. Ltd Jan 2013 – Dec 2015**

Bengaluru, India

**Java Developer**

**Responsibilities:**

* Developed the front-end UI using **JSP, HTML**, JavaScript, **and CSS.**
* Implemented **Struts** **Framework** in the presentation tier for all the essential control flow, business level validations and for communicating with the business layer.
* Developed **Struts** Framework Action **Servlets** classes for Controller and developed Form Beans for transferring data between Action class and the View Layer.
* Responsible for design and implementation of various modules of the application using Struts-**Spring-Hibernate** architecture.
* Implemented **Struts** Validators framework to validate the data.
* Developed software applications using C++ and other object-oriented languages.
* Involved in writing unit test plans and developing test cases using **JUnit**. And then prepared **UNIT** test cases, taken care of **JUnit** Testing.
* Extensively used **JDBC** to access the database objects. And establishing the JDBC **connection** by following the sequential steps given in the technical documentation.
* Used **JDBC** to do CRUD operations. Wrote **SQL** queries, stored procedures, Triggers.
* Developed Stored Procedures in the **Oracle** 9i database.
* Hosted the web application using **WebSphere** Application Server and to deploy it by **Jenkins** by creating the docker images and used **Ant** build tool to build and deploy the enterprise grade applications.
* Used **Git** for source code repository. So, whenever the developer done with the **Jira** issue by creating the new branch for that issue and then check-in the code to the remote repository and used **eclipse** ide tool for local development of the application.

**Environment:** JavaScript, HTML, CSS, Java6, Struts, Hibernate, XML, Oracle, WebSphere application server, Ant, Git, Eclipse.

**Education:**

* **Master of Science in Computer Science & Information Technology** from Sacred Heart University in 2018, Fairfield, CT.
* **Bachelor of Technology in Electrical & Electronics Engineering** from Acharya Nagarjuna University in 2015, Guntur, India.