**Gayatri Gorapalli**

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**SUMMARY**

* Experience in all the technical phases of **Software Development Life Cycle** including **Requirement Analysis**, **Design**, **Development, Implementation** and **Testing** in both Web based and **Enterprise** **applications** with emphasis on **Object Oriented, Java/J2EE** and **Client Server technologies**.
* Well versed with complete software development (SDLC) using various methodologies like **Agile** **Methodology**, **Waterfall Methodology** and **Test-Driven Development**.
* Created **Micro services** using JAVA and **Spring Boot, Spring Data, Spring Cloud**.
* Good working knowledge with Java 1.8 features like **Streams**, **Lambda expressions** and **functional** **interfaces** etc.
* Hands on Experience in developing **Rest API**s and **MicroServices** by using **Spring framework** modules and **Spring Boot**.
* Experience in developing data models using **Hibernate** Object relational mapping (ORM) framework and used **Hibernate Annotations** to reduce time at the configuration level.
* knowledge on **Amazon Web Services (AWS)**, **Amazon Cloud Services** like **Elastic Compute Cloud (EC2), Simple Storage Service (S3), Amazon Simple DB ,Cloudwatch ,OpenSearch**.
* Good knowledge on **Google Cloud Platform (GCP)**, **Google Cloud Services** like **Cloud Spanner Db, DataFlows, BigQuery,Cloud Storage** and experienced in building highly scalable java applications using various architectures.
* Experienced in complex PL/SQL queries, Procedures, Triggers, and Stored Procedures.
* Proficient in developing J2EE enterprise applications in **Service Oriented Architecture** and **Micro** **Service Architecture**.
* Experience in J2EE Technology- **Servlets**, **Spring, JDBC, JPA,** and **Hibernate** .
* Worked with design and development of robust and highly scalable Web Service platforms and API’s based on **REST** and **SOAP** for enterprise applications **.**
* Experience in back-end/server-side java technologies such as: **Web services**, **Java persistence API** **(JPA),**  **Java Database Connectivity (JDBC)** **.**
* Good Understanding in databases such as **Oracle, MySQL, SQL Server** and **Mongo DB** databases.
* Knowledge on **HTML5, CSS3, JSON, JavaScript.**
* Proficient with build automation tools like **Maven,Gradle** and **Jenkins,** **Spinnaker** for builds and deployments to different environments.
* Implemented spring boot microservices to process the message into the **ConfluentKafka** Cluster setup.
* Implement **Kafka** producer and consumer applications.
* Experience on different IDEs such as **Eclipse,** **Spring Tool Suite**, **IntelliJ** and deployment using Application Servers like **Apache Tomcat, BEA** **Web Logic**, **Web Sphere** and **JBOSS**.
* Hands-on experience in using **Eclipse, SLF4j, Log4j, Junit, Mockito** for building, logging, testing**.**
* Experience in **JIRA** for tracking the defects.
* Decent Experience in using code repository tools **GIT**, **Tortoise SVN**.
* Excellent **Client interaction skills** and proven experience in **working independently** as well as in a team **strongly initiative, creative,** and **able to learn new technologies**. Ability to deal with people, ability to grasp things fast. Strong sense of **team player**.

# TECHNICAL SKILLS

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| --- | --- |
| **Web Languages** | Core Java, J2EE (JSP, Servlets, JSP, JDBC, JavaScript, Spring), Java1.8 |
| **Frameworks** | Spring MVC, Spring Security, Spring Core, Spring ORM, Spring Boot, Hibernate, Spring Data,ApacheKafka,ConfulentKafka |
| **Methodology** | Agile, Waterfall, Test Driven Development |
| **Scripting Language** | Java Script, CSS,HTML |
| **Database** | Oracle, MySQL, Mongo DB, PostgreSQL |
| **Operating System** | Windows, LINUX/ UNIX |
| **IDE Tools** | Eclipse, STS, IntelliJ |
| **Web Services** | SOAP, REST |
| **Version Control** | GIT, SVN |
| **Tools** | ANT, Maven, Gradle,Jenkins, Spinnaker |
| **Web/App. Servers** | Apache Tomcat, IBM WebSphere, Web logic |
| **Cloud Technologies** | GCP,Spanner db,Data Flows,Big Query,Cloud Storage,AWS,EC2,S3,CloudWatch,OpenSearch |
| **Testing Tools/Others** | Junit, Mockito, POSTMAN, SOAPUI, SWAGGER |

**EDUCATION**

**Master of Computer Applications (MCA) – Andhra University India**

**PROFESSIONAL EXPERIENCE**

**Client:AT&T(DIRECTV)**

**Role: J2EE Developer /Support**

**Description**

Customer graph will provide all the relevant details around a video customer to the upstream consumers like [directv.com](http://directv.com/) and Salesforce Agent care systems.

Message Broker is a streaming platform that enables you to easily access, store, and manage data as continuous, real-time streams across the enterprise applications. This platform is implemented using Confluent Kafka, which is one reliable, high-performance system.

**Responsibilities:**

* Requirement analysis, Design, Coding, Testing, Maintenance with Agile methodology
* Active participation in Sprint meetings, Stand ups and Retrospective
* Responsible for delivering the project as per customer requirements within the given time period;
* Worked as offshore team and discusses the businesses requirements on timely fashion.
* Responsible for developing Java backend leveraging Microservice architecture.
* Developing RESTful Web Services using Spring Boot.
* Developing Microservices for consuming data from different sources & storing into Cassandra & Postgres DB.
* Implemented spring boot microservices to process the message into the cluster setup.
* Create the topic using confluent Kafka.
* Had a knowledge on Elastic search to identify the Kafka message failure scenarios.
* Implement Kafka producer and consumer applications.
* Provide IT support to critical business operations and solve any reported issues with SLA.
* Maintain Sonar Lint standards by creating Junits, cleaning up code smells, bugs and   
  vulnerabilities.
* Production support and monitoring logs for errors.
* Every day send an email to team about the prod Matrix.
* Using AppDynamics monitoring all the services.
* Analyzing the customer details not found errors and find out the root cause.
* Alert Tracking, Notifications, Monitor PROD Dashboards with details Logged & interventions.
* Analyze and fix both functional and nonfunctional critical defects in workflow

**Client:Macys-Jones Creek,GA July2021-Nov2021**

**Role-Java Production Support**

**Description**

IVS is one of the business-critical application in Macys which ensures seamless services to end customers by maintaining up to date and accurate inventory availability information and accurate delivery estimates. It supports BOPS (Buy Online Pick up at Store), SDD, Ship-to-Home, Ship-to-Store fulfillment types.

**Responsibilities**

* Responsible in fixing the production issues which are tagged to Releases.
* Created Project Implementation Plan for production releases and support production release checkouts.
* Provided round the clock production support on issues. Whenever the issue rise in production and need to join the call immediately and work with all the application teams resolve.
* Responsible for the supporting monitoring issues for the application and should respond immediately for any type of Server and Service Maintenance issues.
* Involve in Data Correction Activity to syn the data to non PROD to PROD.
* Alert Tracking, consolidation and interventions, Monitor PROD Dashboards with details Logged & interventions.
* Deploy the Dataflows and serviceses using junkins and spinnaker in different envinorments.
* Anlizing the checkout errors and find out the root cause.
* Implemented process improvement tools in production support activities

**Client: Discount Tire Company- Scottsdale, AZ Aug 2020– March 2021**

**Role: Java/J2EE Developer**

**Description**

**Thread Well App**: Discount Tire is one of the leading retail sellers of car, bike, mini truck tires & wheels through their stores & online in the USA. This project is related to providing the options which can “give the recommendations & suggestions to customers for buying the best, good, average tires to their cars who can choose the thread well option in discount tire site.

**Responsibilities**

* Attended everyday Enterprise Workflow Stand-Up meeting to provide current status, thus implementing Agile (Scrum) Methodology with Test Driven Development
* Involving in requirements gathering, analysis, design, and documentation of the application.
* Developed Rest Controllers for Rest API’s for other services to interact as Micro Services architecture.
* Used Swagger with Spring-Boot to generate tire detail documentation for REST API endpoints.
* Developed Micro Services using Spring Cloud with components of Netflix OSS (Eureka, Hystrix).
* Implemented backend classes using spring beans and wired through Auto wired of service and DAO classes.
* Implemented the application following the J2EE best practices and patterns like Singleton, Factory and DAO.
* Developed JPA entities and used Hibernate framework to map the Java classes to the database.
* Developed Hibernate DAO classes and with the spring framework manager classes retrieve and save the data from the database.
* Developed and designed the web interface using HTML5, CSS3, JavaScript.
* Implementation of Zuul proxy as the API gateway.
* Used advanced Java 8 features like Lambda Expressions for Array operations, Streams, Method reference, and Collections.
* 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.
* Developed CRUD REST API using POST, GET, PUT and DELETE methods.
* Implemented features like logging, user session validation using Spring-AOP module.
* Using SQL database and wrote services to store and retrieve user data from the application.
* Implemented spring boot micro services to produce data for the web applications.
* Responsible for developing Micro services for consuming downstream API’s.
* Extensively used Maven to build the application and deploy on Embedded Tomcat Server.
* Implement distributed tracing using Spring Cloud Sleuth and View distributed tracing using Zipkin.
* Used spring config server for centralized configuration and Splunk for centralized logging. Used Concourse and Jenkins for Microservices deployment
* Used Log4j for logging to trace the application log messages which is used for debugging.
* Involved in code review sessions for reviewing the code for ensuring adherence to Java coding standards.
* Managed and coordinated code releases.
* Used Maven and Jenkins,Spinnaker as project build tool.
* Used Junit, Mockito to write the Unit test cases for the backend.
* Used the GIT for version controlling of the application.
* Used JIRA for writing user stories and raising defects in a defined sprint.
* Provided sprint demos for each sprint plan to the product owners.

**Client: 7-Eleven – Irving, TX Oct 2017- March 2020**

**Role: Java/J2EE Developer**

**Project Description**

7-Eleven, Inc. is an international chain of convenience stores. 7-Eleven is your go-to convenience store for food, snacks, hot and cold beverages, gas and so much more this application developed for pickup & delivers the products from 7-Elveven site for customer orders. This service is tightly integrated with 7-Eleven sites where customers can choose this basket service can full fill their orders.

**Responsibilities**

* Involved in creating rest API’s using spring framework.
* Used RESTFUL client to interact with the services by providing the RESTFUL URL mapping.
* Involved in creating and deploying the Micro Services on AWS cloud environment.
* Developed Spring Boot application with Microservices and deployed it into AWS.
* Designed and created Microservices business segments and Restful administration endpoints utilizing Spring Boot.
* Using agile software development methodology which helps to develop project plans and involved in daily scrum calls.
* Involved in all phases Analysis, Design, Development, Implementation and Testing of Software Applications development life cycle.
* Utilized various Java, J2EE programming design patterns to develop server-side components.
* Worked independently for developing the Microservices by helping the team.
* Followed coding guidelines while implementing the code.
* Worked on Lambda Expressions, Functional interfaces Stream API's, Time API, and Improvements on Collection, Concurrency, and IO improvements by using Java 8.
* Worked in an agile team to deliver the requirements provided by the Product owner and documented the workflows.
* Implemented the business logic using Java, Spring Boot, Restful API, and Spring Data JPA.
* Implemented protective resources like Jwt and OAuth2 using Spring Cloud.
* Developed DAOs layer using PostgreSQL database and implemented Restful web services that persists high-volume of data.
* Used Spring JDBC to access data from database.
* Creation, enhancement, and maintenance of PostgreSQL database functions, including reflection of CRUD operations for the object model PostgreSQL 9.2.
* Configured local Maven repositories and multi-component Ant projects with Nexus repositories and scheduled projects in Jenkins for continuous integration/continuous deployment (CI/CD).
* Involved in creating the JUNIT test cases for unit testing the application.
* Extensively involved in Unit testing and coordinated with the testing team and fixing Bugs at various stages of the application development.
* Used log4j with Splunk Logging for logging error/debug messages and managing them.
* Using JIRA to manage the issues/project workflow.

**Client: Honda, India Aug 2008 - June 2012**

**Role: Software Engineer**

**Description:**

Honda Cars India Ltd (HCIL) is a subsidiary of the Honda of Japan for the production, marketing and export of passenger cars in India. This project is Web portal development project. In this Project we regularly receive the Change requests from clients according to that we have to change the HCIL online portal. With this portal it is easy for the customer to buy manufacture goods to build the cars.

**Responsibilities**

* Involved in using XML for developing tool for user interface customization.
* Developed web GUI involving HTML, XHTML, JavaScript, CSS, JSP, Servlets and beans
* Involved in coding reviews and enhancement of application.
* Extensively used Core Java concepts like Multithreading, Collection, Data structures, Algorithms and Exception Handling
* Developed Web Services Application using SOAP and WS-Security.
* Developed various components of the application and unit test them.
* Completely involved in using Java, J2EE and MVC architecture. Developed DAOs, Stored Procedures and SQL queries to support system functionality.
* Developed various modules using MVC Struts.
* Used struts tag libs for developing user interfaces.
* Extensively used Java Mailing Service API to create, send, receive, and read messages.
* Developed Servlets, Session and Entity Beans handling business logic and data.
* Managed connectivity using JDBC for querying/inserting & data management including triggers and stored procedures.
* Use Struts and JavaScript for web page development and front-end validations.
* Fetch and process customer related data.
* Created Servlets, JSPs and used Junit framework for unit testing.