SIDDHESH GAWDE

|San Jose, CA, USA

SUMMARY

- Experienced in design, development and deployment of web-based Client-Server business applications using OOP, Java/J2EE technologies.
- Designed, Developed, Tested Implementation & Post-Production support using development methodologies like Waterfall, Agile/Scrum, SDLC.
- In depth knowledge on core Java concepts such as OOPS, Multithreading, Collections Frameworks, Exception Handling, Design Patterns, Generics, JDBC, Thread pools, Execution services, File IO, and Serialization.
- Proficiency in computer science fundamentals such as object-oriented design, data structures and algorithm design.
- Experience in creating microservices from scratch and deploying them to production.
- Experience in developing frontend applications using AngularJS and Node.js frameworks.
- Experience with deploying and managing micro-services using container orchestration platforms like Kubernetes.
- Developed core modules in large cross-platform applications using JAVA, J2EE, JDBC, Web Services and Microservices.
- Strong Core Java, POJO experience including multithreading, JMS and JDBC.
- Experience in implementing and deploying Java EE design patterns such as MVC, Factory, Singleton and Business Delegate in the development of multi-tier distributed Enterprise Applications.
- Experience in working with CI/CD framework and tools like Jenkins.
- Used SpringCore Annotations for Dependency Injection and SpringMVC for RESTAPIs and SpringBoot for Microservices.
- Experience with Cloud Computing Service environment like (AWS) Amazon Web Services (EC2, EBS, S3 and ELASTIC SEARCH), IAM, S3, Amazon RDS, Elastic Cache, SNS, SQS, Lambda
- Expertise with SDLC branching, SCM, and code deployment systems such as GIT and GITHub.
- Developed Micro services using Spring Boot and deploying Micro services into production using Jenkins.
- Experience in Spring Framework modules such as Spring MVC, IOC, AOP, JDBC, Spring Boot, Spring REST.
- Experience in SQL stored procedures, DDL, DML queries in SQL Server SQL and MYSQL.
- Experience in using Elastic Search with NO SQL Database like MongoDB, DynamoDB, Cassandra.
- Worked with Log4j for logging and used JUnit and Mockito for unit testing and integration testing.
- Experience in developing and utilizing JAR, WAR, EAR files with building tools like Maven and Gradle.

TECHNICAL SKILLS

- **Programming Languages**: Java, Python, HTML, CSS, JavaScript
- **Frameworks:** Spring, Spring boot, Microservices, REST, GraphQL, Object-Oriented design
- **Database:** MySQL, Oracle, DB2, MongoDB, DynamoDB
- **Cloud:** AWS EC2, S3, Elasticsearch, Lambda, SNS, SQS, DynamoDB
- **Atlassian Tools:** JIRA, Confluence, GIT, Github, Bitbucket
- **Testing Tools & Frameworks:** Selenium WebDriver, Appium, TestNG, Cucumber, JUnit, Mockito
- **Tools:** Redis, Apache Kafka, RabbitMQ, Maven, Jenkins, Docker, Kubernetes, Control-M, AppDynamics, Splunk

PROFESSIONAL EXPERIENCE

Senior Java Developer, Sherwin-Williams (contract), Oct 2021-Current
Cleveland, OH (Remote)

- Involved in requirements gathering, implementation and setting up the development environment.
- Involved in the analysis, design and development phases of the **Software Development Life Cycle** (SDLC) using **Agile (SCRUM)** development methodology to deliver regular updates to business team and project managers.
- Developed applications using **Multithreading**, **Collections**, **Exception Handling**, **Design Patterns**, **Generics** and **JDBC**.
- **Created microservices from scratch** using RESTAPIs and Spring Boot and deployed it to production.
- Designed and Developed **REST API**s microservices using spring boot.
- Developed backend application using **Java 8** features like **functional interfaces** and **lambda functions** to write concise

code for optimizing the large-scale applications.

- Used **Java 8 Stream API** features like map and filter to transform large volumes of data in parallel and reduce operations to aggregate data across multiple nodes.
- Develop and maintain Single Page applications using HTML5, CSS3, **React Js**, React Hooks.
- Used functional components and **React Hooks** like **useState** and **useEffect** to manage the state and side effects.
- Used **SQL Server** as SQL DB to store structured data like transactions, payments and customers.
- Created SQL Queries and PL/SQL stored procedures for **SQL Server** database.
- Used **MongoDB** as a NoSQL database to store semi structure data.
- Used **Elastic search** with NoSQL DBs like **Cassandra** and **MongoDB** for implementing search service.
- Used Apache **Kafka** for messaging queue.
- Deployed and managed micro-services using **docker** containers and **Kubernetes** container orchestration.
- Worked on **CI/CD framework and tools** like **Jenkins** to automate build & deployment of JAVA applications on **GITHub.**
- Used UNIX and Linux shell scripting, Python Scripting, Bash scripting and Windows PowerShell scripting.
- Used Spring MVC and Dependency Injection for handling presentation and business logic.
- Worked with **Spring Controllers, View Resolvers** and **Model** and **View Objects**
- Used design patterns like **Singleton, Factory, MVC.**
- Used **Spring Framework AOP Module** to implement **logging** in the application to know the application status.
- Deployed microservices on AWS **EC2** Instances, used **S3 buckets** for storage and **RDS** for customer management and order management.

Senior Software Engineer, HSBC Software Development India Private Limited, Sep 2013-Oct 2020
Pune, Maharashtra, India

- **Lead the team** of developers for development and production support of Fraud Management applications.
- Converted Legacy Fraud Management applications to Java Microservices which helped to **reduce the response time of the application by 60%.**
- **Acted as SME** for Risk and Fraud Management applications for retail banking and card management systems.
- Migrated legacy monolithic risk management banking applications to Spring boot microservices which resulted in **reducing business decision time by 75%** and increased end-to-end solution automation. This led to a **reduction of 70% of the operational time** needed to pull and analyze the risk profile of the customer.
- Designed and **developed Microservices from scratch** using **RESTframework** and **SpringBoot frameworks**.
- Developed web applications using the latest **JavaScript ES6** features and **React** library.
- Used **React-Router** to turn the application into a Single Page Application.
- Created components using **React JS** and created documentation for components using Storybook to share across the teams for reusability.
- Developed backend application using **Java 8** and **Spring Framework** with Spring Batch, Spring MVC, Spring Web, Spring Security and Spring data libraries.
- Used **Java 8** object-oriented programming features like interfaces and polymorphism along with multi-threading to build modular code for breaking down the microservices.
- Used **MongoDB** as a NoSQL database to store semi-structure data to build real-time distributed data services.
- Created SQL Queries and stored procedures to interact with **SQL Server**.
- Used Micro service architecture with Spring Boot based services interacting through a combination of REST and Apache **Kafka** message brokers.
- Used AWS DynamoDB as NoSQL DB to store semi-structured data.
- Deployed microservices on AWS cloud using **Kubernetes** container orchestration platform which helped with automatic software deployment and scaling.
- Integrated Spring and **Hibernate** together and worked on developing backend components and services using Hibernate and spring.
- Created Jenkins CI/CD Pipeline to automate build & deployment of JAVA application on **GIT and GITHub**.
- Used Annotations for **Spring Core** and **Spring MVC** for **REST APIs** and **Spring Boot** for **Micro services.**
- Developed Account management application using Java and Factory design pattern to create strategies and models for providing promotional offers to the customers.

- Developed recovery management application using **Java, Singleton design pattern, Multithreading, Collections Frameworks, Exception Handling, Data structures, Generics, and JDBC**.
- Developed the Application health check automation scripts which reduced the overall **application health check time from 15 minutes to 5 seconds.**
- Used IntelliJ as a development tool, Version control and Management is done using **Git**, **Apache Maven** for software build and **Log4J** for logging errors and messages.

EDUCATION

Master of Science
Computer Science, California State University Long Beach, Long Beach CA, May 2022

Master of Science
Information Technology, University of Mumbai, Mumbai Maharashtra, May 2018

Bachelor of Science
Information Technology, University of Mumbai, Mumbai Maharashtra, May 2013

INTERNATIONAL PAPER PUBLICATION

"[Study on Fault-Tolerance for Serverless Computing](#)", International Journal of Creative Research Thoughts (IJCRT), Volume 10, Issue 1, January-2022.