Chandu Raparthi

+91 7731974152 | chanduraparthi21@gmail.com| LinkedIn : chandu-raparthi | Portfolio

PROFESSIONAL SUMMARY

- Java Backend Developer with 3 years of experience specializing in building high-performance, scalable applications using monolithic and microservices architectures.
- Expertise in Java, Spring Boot, Hibernate, and Microservices, ensuring robust application development.
- Skilled in designing RESTful APIs with Java and Spring Boot, ensuring scalability, security, and performance.
- Hands-on experience managing relational databases like PostgreSQL and MySQL, optimizing queries, indexing, and improving database performance.
- Basic knowledge of caching mechanisms, such as Redis, to enhance database performance.
- Basic knowledge of Docker & Kubernetes, understanding containerization concepts for deployment.
- Configured and managed CI/CD pipelines using Jenkins and GitHub Actions for automated builds and deployments.
- Basic understanding of AWS services such as EC2, S3, RDS, IAM, Elastic Beanstalk, DynamoDB, ECR, ECS, EKS, and AWS CodePipeline for cloud application deployment.
- Skilled in Spring Batch for large-scale data processing, job scheduling, chunk processing, parallel execution, and retry mechanisms.
- Experience in developing multi-threaded applications to improve performance and responsiveness.
- Implemented Spring Security with JWT and OAuth2 for secure authentication and authorization.
- Proficient in writing unit and integration tests using JUnit and Mockito to ensure code reliability and quality.
- Strong debugging and troubleshooting skills, ensuring efficient logging, performance tuning, and production issue resolution.
- Proficient in Agile, contributing to sprint planning, stand-ups, and retrospectives using Jira.
- Integrated third-party APIs to enhance functionality and user experience.
- Proficient in Git for version control and Maven for build automation, ensuring efficient development workflows.
- Excellent problem-solving and analytical skills, with a focus on performance optimization and scalability.

WORK EXPERIENCE

EDGEROCK SOFTWARE SOLUTIONS PRIVATE LIMITED ASSOCIATE JAVA DEVELOPER
Hyderabad November 2022 – Present

Project: Custom Fleet **Client:** DBS Bank
Role(s): Backend Developer

Responsibilities:

- Developed a loan management system to handle internal fleet financing operations for DBS Bank.
- Designed and implemented RESTful APIs for seamless data exchange.
- Implemented Spring Security for authentication and role-based authorization, ensuring secure access.
- Managed PostgreSQL databases for transaction processing and customer data storage.
- Provided production support to troubleshoot and resolve backend issues.
- Enhanced application performance and stability through code optimization and exception handling.
- Integrated caching mechanisms using Redis to improve database query performance.

Project: CTCP-Axis **Client:** Axis Bank
Role(s): Backend Developer

Responsibilities:

- Worked on Trade Finance Complaint Management for import/export businesses using CTCP - TFConnect.

- Developed REST APIs for handling trade finance disputes, improving turnaround time by 30%.
- Optimized database queries for efficiently handling large transportation and shipment data volumes.
- Managed MySQL databases for storing and retrieving transportation details, shipments, and customer data.
- Integrated real-time tracking for LCs, remittances, and bill discounting issues using Spring Boot.
- Improved database indexing and caching strategies, enhancing query execution speed.
- Implemented OAuth2-based authentication and role-based dashboards for secure complaint resolution.
- Configured CI/CD pipelines using Jenkins for automated deployment.

EDUCATION

• **Bachelor of Science in Computer Science**, Krishna University, Kanumolu, Andhra Pradesh | 2022

TECHNICAL SKILLS

- **Languages:** Java, SQL
- **Frameworks / Libraries:** Java 8/17, Spring Boot, Spring MVC, Hibernate, JPA, Microservices, Spring Security
- **Databases:** MySQL, PostgreSQL, Redis (Basic)
- **DevOps & Cloud:** Docker (Basic), Kubernetes (Basic), AWS (EC2, S3, RDS, IAM)(Basic)
- **CI/CD Tools:** Jenkins, GitHub Actions
- **Version Control & Tools:** Git, Maven, Postman, JIRA
- **Software Development Methodology:** Agile, Scrum
- **Operating Systems:** Windows, Linux (Basic)

CERTIFICATION

- **Software Engineer Certificate** – Hacker Rank
  - *Skills Covered:* Problem Solving, SQL, REST API
  - *Certificate Link:* https://www.hackerrank.com/certificates/9f387764269a

OTHER SKILLS

- Strong analytical and problem-solving skills.
- Quick learner, adapting to new technologies efficiently.
- Effective communicator & team player with excellent collaboration skills.
- Detail-oriented, ensuring clean, maintainable, and high-quality code.