

Mohan Babu Pothina

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Professional Summary

Entry-level Java Full Stack Developer skilled in Spring Boot, ReactJS, and AWS, with proven ability to reduce page load times by 30% and automate CI/CD workflows. Passionate about building scalable microservices and enhancing system reliability through containerization and Agile practices. Eager to contribute to a dynamic startup team and drive impactful product development.

Technical Skills

Languages: Java, Python, Javascript

Frameworks: Spring Boot, Hibernate, ReactJS

Databases: MySQL, MongoDB

Cloud Platform: AWS (EC2, Lambda, S3, RDS, DynamoDB, CloudWatch)

Technologies & Tools: Docker, Apache Kafka, Git, Maven, JUnit, WSL, Microservices Architecture, SDLC, Jira

Experience

Full Stack Developer, Freelance - Professional Mentorship Oct 2024 – April 2025

- Delivered two e-commerce platforms handling 500+ SKUs, reducing page load times by 30% via API optimization and React performance tuning.
- Automated CI/CD pipelines with Maven and Docker, reducing deployment times by 83%.
- Enhanced code quality through structured Git workflows, achieving 95% test coverage with JUnit.

Education

DVR & Dr. HS MIC College of Technology, Kanchikacherla June 2019 – April 2025
B.Tech in Electronics and Communication Engineering **CGPA: 7.72**

Intermediate (12th Grade) June 2017 – April 2019
Sri Chaitanya Junior College, Vijayawada **CGPA: 7.25**

Secondary School (10th Grade) June 2016 – May 2017
Sri Gowtham High School, Vijayawada **CGPA: 8.2**

Projects

Cricket Fantasy Microservices App: Developed a scalable fantasy cricket platform with 6 independent microservices (user, match, score, etc.) using Spring Boot. Implemented asynchronous communication using Apache Kafka and optimized REST APIs with low-latency DB queries. Containerized services with Docker for modular deployment and ensured real-time updates.

Tech Stack: Java, Spring Boot, Kafka, MongoDB, MySQL, Docker, JUnit

Bank Statement Aggregator: Developed a backend system to aggregate and manage bank statements from multiple sources. Integrated AWS S3 for secure file storage and used Spring Data JPA to parse and map statements into Java POJOs for relational database storage. Implemented secure login with role-based access control for statement viewing and management.

Tech Stack: Java, Spring Boot, SQL, AWS S3

Certificates

- AWS Cloud Practitioner**
- Java Full Stack Development** – Frontlines EduTech
- Python for Data Science** – IBM
- Web Design** – GUVI