

Mahesh Gouni

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Summary

Java Full Stack Developer with a proven track record in designing and developing innovative web applications. Expertise in the Software Development Life Cycle (SDLC) and Agile methodologies, driving effective collaboration and on-time delivery of high-quality Web Services . Adept at identifying and resolving complex problems, ensuring optimal system performance, and enhancing user experience Frontend through robust code and architecture design.

Experience

Full Stack Web Development Intern, Unified Mentor

Sep 2024 – Oct 2024

- Spearheaded development of RESTful APIs, improving response time by 30% , optimizing system performance by 20%.
- Engineered and Developed a high-performance blog Web Applications, optimizing queries (-40% load time) and boosting engagement (+25%). Integrated JSON for efficient data exchange and troubleshoot backend issues.
- Integrated Git and GitHub for seamless version control, resolving merge conflicts and ensuring error-free codebase .
- Automated project builds using Maven, reducing build times by 15% and streamlining the entire development lifecycle.
- Applied SOLID principles and object-oriented programming to develop scalable, maintainable, and efficient code.
- Optimized database operations and implemented robust exception handling, improving system stability .
- Designed, Testing , and deployed REST API using Swagger, enhancing development efficiency across teams.
- Leveraged Docker-based Software solutions to deploy MySQL and PostgreSQL containers, reducing deployment times by 20% and simplifying maintenance tasks, Product Quality .
- Led deployment of microservices on Render, improving system scalability and availability, ensuring high uptime.
- **GitHub:** [Blog Website](#), [Calculator App](#).

Technical Skills

Languages: Core Java , HTML, CSS, SQL

Frameworks/Technologies: Spring, Spring Boot, Hibernate, Angular, Docker

Databases: MySQL, PostgreSQL

Tools: Git, GitHub, Jenkins, SonarQube, Swagger, Postman , Maven

Projects

Object Detection using YOLO

2024

- Achieved 95% accuracy in real-time object detection using YOLO, reducing false positives by 15%, significantly enhancing model reliability.
- Reduced processing time by 3 seconds per transaction, improving overall system performance by 20%.

Payment Fraud Detection using Machine Learning

2024

- Enhanced fraud detection accuracy by 20% using Support Vector Machine (SVM), improving transaction security and reducing false negatives.
- Scaled the fraud detection system to process 10,000+ transactions per minute, improving system detection speed.

Certifications

Full Stack Web Development Intern – Unified Mentor

[Certificate Link](#)

Core Java Bootcamp – Lets Upgrade

[Certificate Link](#)

HTML CSS Bootcamp – Lets Upgrade

[Certificate Link](#)

Education

Bachelor of Technology, Computer Science

Dec 2020 – Jul 2024

AAR Mahaveer Engineering College, JNTUH

Intermediate (MPC)

Jun 2018 – Feb 2020

Little Flower Junior College, TSBIE

Secondary School Education

Mar 2018

ZPHS Nacheppally

Declaration

I hereby declare that the details above are correct and true to the best of my knowledge.

Mahesh Gouni