

Aarthiya M

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CAREER OBJECTIVE

Enthusiastic Software Developer with hands-on experience in Java, Python, SQL, and full-stack development. Focused on creating reliable, scalable applications while continuously enhancing skills in modern frameworks, cloud technologies, and performance optimization.

Education

B.Tech in Information Technology

Thiagarajar College of Engineering, Madurai
CGPA: 8.48

2020 – 2024

Madurai

Professional Experience

Associate Engineer – Development

Aptean India Pvt Ltd, Madurai | Dec 2024 - May 2025

- Developed and optimized enterprise modules in **Java and SQL**, improving system uptime and reducing error rates by **15%**.
- Performed unit testing (JUnit, Postman) and automated API validations, reducing integration **bugs by 20%**.
- Diagnosed and resolved backend issues in customer-facing applications, cutting response times by **30%**.
- Collaborated in an Agile/Scrum environment with sprint planning, daily stand-ups, and JIRA-based task tracking

Skills

Technical Skills: Java Springboot Python FastAPI Html5 Css3 JavaScript Bootstrap React.js Node.js

Databases & Tools: SQL MongoDB Atlas Firebase Git JIRA Postman VS Code Eclipse Android Studio Figma

Soft Skills: Time Management Teamwork Communication Problem Solving Leadership

Projects

AI-Enabled Phishing Detection – Intelligent Web Security System

- Designed an AI-powered phishing URL detector achieving 90% accuracy, improving real-time user security. Built with Python, ML models and integrated for browser extensions.

Ambulance Tracking with Patient Monitoring System – Real Time IoT Solution

- Developed an Android application integrating Java, Arduino, Firebase for live hospital alerts. Enabled real-time ambulance tracking and patient vital monitoring

Student Tracking App – Academic Monitoring System

- Built an Android app with Java, Firebase, and role-based access control. Enabled real-time syncing of attendance, grades, and student progress for students, parents, and faculty

Certificates

Java Programming & SQL Fundamentals — SoloLearn

Cloud Computing Basics — IBM (edX)

Linux & Bootstrap Basics — IIT Bombay (Spoken Tutorial)

Data Analytics — Cisco Networking Academy