Aarthiya M

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CAREER OBJECTIVE

Enthusiastic Software Developer with hands-on experience in AI, 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   2020 – 2024
Thiagarajar College of Engineering, Madurai   Madurai
CGPA: 8.48

Professional Experience

Associate Engineer – Development ⧉
Aptean India Pvt Ltd, Madurai | Dec 2024 - May 2025

- Contributed actively in an **Agile/Scrum** development environment, participating in sprint planning, daily stand-ups, code reviews, and **JIRA-based** task tracking..
- Collaborated closely with cross-functional teams (QA, Product, Backend & Frontend developers) to enhance feature quality and ensure smooth release cycles.
- Assisted in debugging production defects and implementing scalable backend solutions aligned with business requirements.
- Diagnosed and resolved backend performance issues in customer-facing applications, resulting in a **30% improvement** in response times.

Skills

Technical Skills: Java Springboot Python FastAPI Html5 Css3 JS BootStrap React.js Node.js Gen AI(Basics)

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-Facilitated 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. Permitted 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. Allowed 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