

# 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

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

- 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