

KUMARAVEL

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Professional Summary

Passionate and detail-oriented Java Developer with strong knowledge of Spring Boot, RESTful APIs, and MySQL. Skilled in designing and developing scalable full-stack applications with a focus on clean, maintainable, and efficient code.

Technical Skills

Programming Languages: Java, JavaScript, HTML, CSS, SQL

Frameworks & Tools: Spring Boot, Hibernate, Maven, Git, Eclipse, VS Code

Databases: MySQL

Concepts: REST API Development, MVC Architecture, OOP, SDLC

Professional Experience

Java Developer – Aisect Limited | Aug 2025 – Nov 2025

- Developed RESTful APIs using Spring Boot and Hibernate.
- Integrated MySQL databases for efficient data handling.
- Debugged and optimized backend modules.
- Worked in an Agile environment to deliver quality applications.

Full Stack Java Intern – Glow Logic | Mar 2025 – May 2025

- Built backend modules using Spring Boot, Hibernate, and MySQL.
- Enhanced performance and implemented dynamic front-end features using HTML, CSS, and JavaScript.

Embedded Systems Intern – Techforge | Jul 2024 – Aug 2024

- Developed embedded applications using C/C++ on Arduino and ARM Cortex microcontrollers.

IoT Intern – Verzeo | Dec 2022 – Jan 2023

- Worked on IoT data collection, processing, and visualization using ThingSpeak, AWS IoT, Blynk, and Firebase.

Projects

E-Commerce Website (Full Stack Java) | Mar 2025 – May 2025

- Developed a full-stack e-commerce application using Spring Boot, Hibernate, and MySQL.
- Implemented authentication and role-based access with Spring Security.
- Integrated front-end using HTML, CSS, JavaScript, and Thymeleaf.

D2D Communication Using Li-Fi (Matlab) | Feb 2025 – May 2025

- Designed and analyzed a Li-Fi based communication system improving data rate and signal quality.
- Demonstrated higher transmission speed and secure wireless communication compared to RF systems.

Education

B.E. – Electronics and Communication Engineering

University College of Engineering, Trichy (BIT Campus) | Nov 2021 – May 2025 | CGPA: 7.6 / 10

Certifications

Full Stack Java Development – Glow Logic (May 2025)

Embedded Systems – Techforge (Aug 2024)

IoT Fundamentals – Verzeo (Jan 2023)

Additional Information

Passionate about learning new technologies and frameworks. Interested in backend development and software design challenges.