

Aravind D

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Summary — Java Full-Stack Developer (Fresher) with hands-on experience in designing and developing end-to-end web applications using Java, Spring Boot, Spring MVC, RESTful APIs, JPA/Hibernate, and MySQL. Experienced in building responsive user interfaces with HTML, CSS, JavaScript, Bootstrap, and React. Familiar with Microservices architecture, AWS (EC2, S3, RDS), and DevOps practices using Docker and Jenkins. Strong foundation in Data Structures & Algorithms, problem-solving, and scalable application designs.

Education

Velammal College Of Engineering and Technology, Madurai <i>Bachelor of Engineering</i>	2022 – 2026 <i>CGPA: 8.02</i>
Fuscos HR Sec School, Madurai <i>12th Standard</i>	2021 – 2022 <i>Percentage: 88.16</i>
BPM Matric School, Madurai <i>10th Standard</i>	2019 – 2020 <i>Percentage: 82.4</i>

Experience

Quantanics Techserv, Madurai <i>Intern - Software Developer Intern (IoT Domain)</i>	June 2024 – July 2024
– Developed a web-based control panel for an IoT Tank Monitoring System using Java (Spring Boot) for backend APIs and HTML/CSS/JavaScript for the UI.	
– Designed REST endpoints to fetch sensor data, control device actions, and manage real-time updates through MQTT + API integration.	
– Integrated the system with a MySQL database to store device logs, status updates, and user actions.	
– Collaborated in an Agile-style workflow — working independently on features, testing endpoints in Postman, and deploying updates to a test environment.	

Skills

Languages: Java 8, J2EE, SQL, JavaScript	Tools: IntelliJ, Maven, Git, GitHub, Postman
Frameworks: Spring, Spring MVC, Spring Boot, JPA, JSP, Servlets, Hibernate	DevOps Tools: Docker, Kubernetes, Jenkins, CI/CD
Databases: MySQL	Methodologies: Agile, SDLC
Web Technologies: HTML, CSS, Bootstrap, React.js	Architecture & Cloud: Microservices, AWS (EC2, RDS, S3)

Achievements

- Solved 250+ LeetCode problems, demonstrating strong problem-solving and algorithmic skills.
- Completed full-stack development training taught by Amazon, covering frontend, backend, REST APIs, and AWS cloud deployment; certified through Coursera.
- Completed foundational training in AWS services, cloud concepts, security, and deployment fundamentals, supported by AWS certification.
- Certifications in C and C++ (Elysium Academy).

Projects

- **Grammar Analysis AI (Gemini API):** Built a web application powered by Google's Gemini API that performs advanced grammar analysis and text correction.
- **Task Management App:** Developed a full-stack task management platform enabling users to create, update, and track tasks with deadlines and priorities. The backend was built using Spring Boot.
- **Portfolio:** Designed and deployed a modern, responsive personal portfolio website to showcase professional experience, projects, and skills.

Area of Interest

- Backend Development
- Web Application Development
- REST API Design and Development