

MADHUMITHRA S

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Namakkal District,Tamil Nadu - 636202, India


PROFILE SUMMARY

Java Full-Stack Developer with hands-on experience in building scalable and secure web applications. Skilled in Core Java, JSP/Servlets, Spring Boot, Hibernate, and RESTful API development. Proficient in front-end technologies like HTML, CSS, JavaScript, Bootstrap, and React.js. Experienced in MySQL/MongoDB integration and implementing JWT/OAuth2 authentication. Strong understanding of responsive UI development and cloud deployment. Passionate about clean code, debugging, and delivering reliable software solutions.

TECHNICAL SKILLS

- **Languages:** Java, C
- **Frontend:** React.js, HTML5, CSS3, JavaScript, Bootstrap, Tailwind CSS
- **Backend:** Spring Boot, Spring MVC, Spring Security, Hibernate/JPA, JSP/Servlets
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Tools/Platforms:** Git, GitHub, Postman, Docker, Maven, VS Code, Eclipse/IntelliJ
- **Other Skills:** API Testing, Debugging, Problem-Solving

PROJECTS

- **Attendance Management System**  Sep 2025 – Oct 2025
SpringBoot, React.js, JWT, Spring Boot REST APIs with MySQL Optimization
 - Developed a full-stack Attendance Management System using Spring Boot + React.js with JWT-based authentication and role-based access (Admin/Teacher/Student).
 - Built optimized Spring Boot REST APIs with MySQL indexing, reducing attendance query time by 40
 - Designed a responsive and intuitive React UI with dashboards for attendance tracking and student management.
 - Implemented Spring Security + JWT for secure login, token validation, and protected routes.
 - Added server-side validation, exception handling, and global error responses for production-grade stability.
 - Automated daily/weekly/monthly attendance analytics using Java service-layer aggregation.
 - Used a MySQL relational schema with properly normalized tables and optimized joins
 - Deployed the frontend on Vercel and containerized the backend using Docker for scalable cloud deployment.
 - Followed SEO-friendly React practices, optimized metadata, and achieved high Lighthouse performance scores.

EDUCATION

- **Muthayammal College of Arts and Science** Jun 2021 – May 2024
B.Sc. In Computer Science | CGPA: 7.232 / 10 Rasipuram, Tamil Nadu, India

CERTIFICATIONS

- **The Complete 2025 Java Full Stack Developer by PUMO technovation /MONZ creative school** October 2025
- **I Completed Oracle cloud Infrastructure course in oracle cretified Foundation Associate** May 2024

ADDITIONAL INFORMATION

Languages: English (Professional), Tamil (Native)

Interests: Web Developer, Open Source

Availability: Open to relocation and remote opportunities

Volunteer: Tech events & youth coding workshops