

MADHAVAN

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SUMMARY

Motivated and detail-oriented IT student with a strong foundation in full-stack development, software engineering, and database management. Skilled in HTML, CSS, JavaScript, React, Java, C++, and MySQL, with hands-on experience from academic projects. Developed practical applications like QuickFix and Flexora, demonstrating the ability to design user-friendly interfaces and build efficient back-end systems using Spring Boot.

SKILLS

Technical Skills

- Java Programming
- C++
- React
- Spring Boot
- Python
- SQL database Management

Soft Skills

- Problem Solving
- Communication Skills
- Decision making

PROJECTS

Flexora – Freelancer Marketplace Platform | *Spring Boot, MySQL*

Developed the backend system for a platform that connects users with nearby service providers (electricians, plumbers, and technicians). Designed and implemented RESTful APIs using Spring Boot for managing users, services, and booking requests.

Integrated MySQL for structured data storage and ensured data consistency and security through efficient database design. Focused on scalability by using modular service components and optimized query performance.

Also implemented error handling, input validation, and authentication modules to improve reliability and security. Conducted thorough testing and debugging to deliver a smooth and stable backend system.

QuickFix – Local Service Finder Platform | *React, Spring Boot, MySQL*

Created a full-stack web platform connecting freelancers and clients for project-based work. Designed an interactive React frontend with dynamic routing and responsive components for a smooth user experience. Developed Spring Boot backend services for authentication, project management, and proposals, with RESTful APIs linking frontend and backend.

Integrated MySQL for managing user, project, and transaction data, focusing on secure login, registration, and project tracking.

EDUCATION

Bachelor of Technology (B.Tech) in Information Technology (2023 - 27)

Sri Krishna College of Engineering and Technology, Coimbatore