Soundararajan RT

MERN Stack Developer

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Objective

Leveraging expertise in full-stack web development, particularly within the **MERN** stack, with hands-on experience in delivering innovative web solutions. Dedicated to enhancing user experiences through responsive design and real-time features, with a focus on creating transformative applications that integrate modern technologies for impactful digital interactions.

Technical Skills

- **Programming Languages:** JavaScript, Java, Python.

- **Frontend: React.js, Tailwind CSS, HTML, CSS, Bootstrap.**

- **Backend: Node.js, Express.js, JWT.**

- **Databases:** MongoDB, SQL.

- **Streaming & Communication Technologies: WebSocket, Socket.io.**

- **Infrastructure:** Docker (Learning), Kubernetes (Learning), AWS (Learning).

- **Tools:** Git, Postman, Figma, GitHub.

- **Expertise in:** Data Structures & Algorithm

Main Projects

Campus Feedback System – Web-Based Feedback Management Platform

The Campus Feedback System is a web-based application designed to collect, manage, and analyze feedback from students regarding courses, faculty, and campus facilities. The platform enables administrators to gain actionable insights through structured feedback while ensuring transparency, anonymity, and ease of use for students.

- Built using the **MERN stack (MongoDB, Express, React, Node.js)** to deliver a scalable, secure, and responsive full-stack application.
- Implemented **role-based authentication and authorization** using JWT, supporting separate access for students, faculty, and administrators.
- Designed dynamic feedback forms with validation, enabling students to submit structured and anonymous feedback efficiently
- Developed an **admin dashboard** to visualize feedback data, monitor participation, and generate reports for decision-making.
  • Integrated RESTful APIs for seamless communication between frontend and backend, ensuring maintainable and modular architecture.

Technologies Used: Node.js, Express, React.js, JavaScript, MongoDB.

Education

- **Muthatammal Engineering College - B.TECH AI&DS**   2023 – Present
  Rasipuram, Namakkal, Tamil nadu

- **Sri Vinyaga Matric Higher Secondary School**   2021 – 2023
  Rasipuram , Tamil nadu