

MUKESH R

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Github | LeetCode | LinkedIn | HackerRank | Portfolio

As a Web-focused Full Stack Developer, I specialize in building scalable, high-performance web applications using modern technologies such as React.js, Next.js, Node.js, and databases. I have hands-on experience in designing responsive user interfaces, developing backend services, and integrating APIs. I combine strong problem-solving skills and computer science fundamentals with a passion for building reliable, user-centric, and maintainable web solutions.

Education

Bannari Amman Institute of Technology	Erode, Tamil Nadu, India
Computer Science and Engineering CGPA: 8.38 (upto 4th sem)	2023 - 2027
Kongu Vellalar Matric Higher Secondary School	Tirupur, Tamil Nadu, India
Tamil Nadu State Board— 2023 batch— 90.5 %	

Experience

Crayon'd Full Stack Web Intern Remote	Tamil Nadu, India Sep-2024 - Apr-2025
<ul style="list-style-type: none">Built and maintained scalable frontends using React.js and Next.js with Material-UI and Hero-UI, delivering smooth, responsive, and user-friendly interfaces for two live projects, Fynro and Revature.Developed backend services with Node.js and Sequelize ORM, optimizing MySQL queries and ensuring reliable, high-performance database interactions.Integrated state management solutions with Redux and Zustand, reducing code complexity and enhancing application performance and maintainability.Collaborated in the complete development lifecycle including code reviews, debugging, testing, and deployment, ensuring production-ready, secure, and scalable applications.	

Skills

- Languages: JavaScript, TypeScript, C, Python, Java
- Frontend: HTML, CSS, React.js, Next.js, Tailwind CSS, MUI, Hero-UI
- Backend: Node.js, Express.js, REST APIs, Socket.IO
- Databases & Cloud : MySQL, MongoDB, Firebase, Firestore, AWS Cloud
- Developer Tools : Git, GitHub, VS Code, Postman, Docker, Jenkins, Vercel, Render, Figma
- Concepts : DSA, OOPS, Web Performance, System Design Basics

Projects / Open-Source

Student tracker Link	React JS, Node JS, Express JS, MUI , Re-charts, SQL
<ul style="list-style-type: none">Built a full-stack student management platform using React, Node.js, Express, and MySQL.Automated attendance, project reviews, and contribution tracking through a unified, interactive dashboard.Designed dashboards for faculty to monitor student progress in real time.Improved accuracy and efficiency by automating calculations of attendance, work hours, and contributions.	
Chatterbox - (WebChat app) Link	React JS, Node JS, Express JS, Shadcn, MongoDB , Socket IO
<ul style="list-style-type: none">Designed and built a responsive real-time chat application supporting one-to-one and group conversations.Integrated Socket.IO for instant messaging, enabling fast and seamless communication between users.Implemented secure file sharing with Multer, allowing media and documents to be exchanged easily.Developed an intuitive and responsive UI to ensure smooth user experience across devices.Built a scalable backend structure to manage chat rooms, message history, and active user sessions.	
Card smart Link BlockDag hackathon 2025 Finalist	Next JS, Firebase, Metamask
<ul style="list-style-type: none">Developed a smart card management system to create, manage, and share BDAG cards with ease.Built a user-friendly interface for designing, customizing, and personalizing digital cards.Integrated MetaMask for secure blockchain transactions and seamless user interactions.Enabled social connectivity features allowing users to connect and share cards within the platform.	

Certifications

- AWS Cloud PractitionerEssentials - AWS
- PRASUNETON Hackathon 2024 - PRASUNETCOMPANY