

# MUKESH R

✉ mukeshr1855@gmail.com ☎ +91 6381952282 📍 Tirupur 641602

GitHub | LeetCode | LinkedIn | HackerRank | Portfolio

As a **Software Engineer**, I specialize in Full Stack Development and Artificial Intelligence. With hands-on experience in building real-time systems, web applications, and AI-powered solutions, I combine strong DSA and problem-solving skills with a drive for innovation. My focus is on delivering high-performance, reliable, and impactful technology solutions.

## Education

### Bannari Amman Institute of Technology

Computer Science and Engineering CGPA: 8.38 (upto 4th sem)

Erode, Tamil Nadu, India

2023 - 2027

### Kongu Vellalar Matric Higher Secondary School

Tamil Nadu State Board– 2023 batch– 90.5 %

Tirupur, Tamil Nadu, India

## Experience

### Crayon'd | Full Stack web intern | Remote

Tamil Nadu, India | Sep-2024 - Apr-2025

- Built and maintained scalable frontends using React.js and Next.js with Material-UI and HeroUI, 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

Scan here to unlock me

- Languages** : C, Python, Java, JavaScript, TypeScript
- Frameworks & Libraries** : React.js, Next.js, Node.js, Express.js, NumPy, Pandas
- Databases & Cloud** : MySQL, MongoDB, Firebase, Firestore, AWS Cloud
- Developer Tools** : Git, GitHub, VS Code, Postman, Docker, Jenkins, Vercel, Render, Figma



## Projects / Open-Source

### Student Tracker | Link

React JS, Node JS, Express JS, MUI , Re-charts, SQL

- Developed a comprehensive student tracking system to streamline academic activity monitoring for faculty members.
- Automated attendance, project reviews, and contribution tracking through a unified, interactive dashboard.
- Built and integrated a faculty-specific progress module for effective monitoring of individual student performance.
- Improved accuracy and efficiency by automating calculations of attendance, work hours, and contributions.

### Web Chat App | Link

React JS, Node JS, Express JS, Shadcn , MongoDB , Socket IO

- 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

- 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
- Create Your First Python Program From UST - Coursera
- PRASUNETHON Hackathon 2024 - PRASUNETCOMPANY