

MUKESH R

CS Undergraduate

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Education

Bannari Amman Institute of Technology, Tamil Nadu
Computer Science and Engineering

2023 – 2027
CGPA: 8.29/10

Kongu Vellalar Matric Higher Secondary School
Tamil Nadu State Board

2023
90.5%

Work Experience

Full Stack Web Intern

Crayon'd | Onsite | Sep 2024 – Apr 2025

- Built and maintained scalable frontends using **React.js** and **Next.js** with **Material-UI** and **Hero-UI** for live projects including **Fynro** and **Revature**.
- Developed backend services using **Node.js** and **Sequelize ORM**, optimizing **MySQL** queries for reliable, high-performance interactions.
- Integrated **Redux** and **Zustand** for state management, reducing code complexity and improving maintainability.
- Collaborated across the full development lifecycle including **code reviews**, **debugging**, **testing**, and **deployment**.
- Translated **Figma designs** into responsive React components with pixel-level accuracy.

Skills

- **Languages:** Java, , JavaScript, TypeScript
- **Frontend:** React.js, Next.js, HTML, CSS, Tailwind CSS, MUI, Hero-UI
- **Backend:** Node.js, Express.js, REST APIs, GraphQL, Socket.IO
- **Databases & Cloud:** MySQL, MongoDB, Firebase, Firestore (auth)
- **Developer Tools:** Git, GitHub, VS Code, Postman, Vercel, Render, Figma
- **Core CS:** DSA, OOPS, CN, OS.

Projects

Mindmock (Resume Analyzer) | *Next.js, MongoDB, Firebase Auth, PDF Parser, Groq LLM*

- Built an AI-powered resume analysis platform that parses resumes and extracts data such as skills, experience, and education.
- Implemented secure authentication using **Firebase Auth** and stored analyzed resume data in **MongoDB**.
- Integrated **Groq LLM API** to generate role-specific interview questions based on the analyzed resume content.
- Enabled **one-to-one AI interviews** where user responses are analyzed, evaluated, and scored in real time.
- Designed an interactive **analytics dashboard** to visualize skill distribution, interview performance, and improvement areas.

Chatterbox (Web Chat App) | *React.js, Node.js, Express.js, MongoDB, Socket.IO, Shadcn*

- Designed and built a **real-time chat application** supporting **one-to-one** and **group conversations**.
- Integrated **Socket.IO** for **instant messaging** and **Multer** for **secure file sharing**.
- Developed a **responsive UI** for seamless experience across **multiple devices**.
- Built a **scalable backend** to manage **chat rooms**, **messages**, and **active sessions**.

Card Smart | *Next.js, Firebase, MetaMask*

BlockDAG Hackathon 2025 Finalist

- Developed a **smart digital card management system** for creating and sharing **BDAG cards**.
- Built **customizable** and **user-friendly card design interfaces**.
- Integrated **MetaMask** for **secure blockchain transactions** and interactions.
- Enabled **social connectivity features** for sharing and connecting within the platform.

Achievements

- Pitch Storm NIT – 2025 **2nd Runner Up**
- BlockDAG Hackathon - 2025 **Finalist**
- Solved **650+ Data Structures and Algorithms problems** across LeetCode, HackerRank, GeeksforGeeks, and CodeChef.