Mounika Kattubadi

Software Engineer · Full Stack (MERN)

SUMMARY

Full Stack Software Engineer with hands-on experience building and deploying production-grade web applications for B2B and manufacturing domains. Completed 7+ industrial projects. Strong backend experience in designing REST APIs, authentication systems, invoice generation, email automation, and admin workflows. Comfortable owning features end-to-end from frontend to backend and deployment.

WORK EXPERIENCE

Full Stack Developer · Vikah Ecotech   Sep 2024 – Present · Hyderabad

- Developed and maintained production websites and internal dashboards for recycling and manufacturing businesses.
- Implemented server-side business logic for enquiry handling, admin-managed content, and secure data processing.
- Designed responsive and reusable React components based on Figma designs to ensure consistent UI across pages.
- Integrated frontend with backend services, handling form validations, error states, and structured data flow.
- Deployed applications on Hostinger, managing builds, domains, environment configurations, and DNS settings.
- Collaborated directly with founders to convert business requirements into scalable technical solutions.

KEY PROJECTS

RubberScrapMart   B2B Marketplace · MERN Stack

- Designed and developed a full-fledged B2B marketplace for buying and selling rubber scrap.
- Implemented secure authentication flows including user login, signup, admin login, and forgot password.
- Built RESTful backend APIs using Node.js and Express.js to manage users, products, enquiries, and orders.
- Designed MongoDB schemas and optimized queries for invoices, orders, and user data.
- Implemented invoice generation and automated email notifications.
- Developed admin dashboards for managing listings, enquiries, and user activity.
- Handled complete deployment and production configuration.
- [Live Demo](#)

Vikah Ecotech Platform   Recycling Machinery Platform · React-based Web Application

- Developed enquiry management and content-driven pages for recycling machinery and industrial services.
- Integrated frontend with server-side systems for data handling and request processing.
- Converted business workflows into scalable and maintainable UI components.
- [Live Demo](#)

Manufacturing Product Platform   Enterprise Web Application

- Designed product taxonomy and navigation structure for industrial buyers.
- Improved maintainability by separating UI, business logic, and backend integration layers.

CONTACT

- Nagole, Hyderabad
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- mounikakattubadi1@gmail.com
- LinkedIn
- GitHub
- Portfolio

SKILLS

Programming
Java, JavaScript, Python

Frontend
React.js, HTML, CSS, Bootstrap

Backend
Node.js, Express.js, REST APIs, Authentication, Role-Based Access

Databases
MongoDB, SQL

DSA / CS Fundamentals
Arrays, Strings, HashMaps, Stack, Queue, Linked List, Recursion, Trees

Tools & Deployment
Git, GitHub, Hostinger

HIGHLIGHTS

- Developed secure auth systems with admin & user roles.
- Implemented invoice generation and email automation.
- Owned features end-to-end from backend to deployment.

EDUCATION

B.Tech – Computer Science & Engineering
IIIT RGUKT – RK Valley
2020 – 2024 | CGPA: 8.3

Pre-University Course (PUC) – MPC
IIIT RGUKT – RK Valley
2018 – 2020 | CGPA: 8.66

Secondary School Certificate (SSC)
GVEZP GHS, Dharmavaram
2018 | GPA: 10