

# Mounika Kattubadi

Full Stack Developer | MERN Stack Developer

## PROFESSIONAL SUMMARY

Full Stack Developer with 1+ year of hands-on experience building and maintaining production-level MERN stack applications. Experienced in designing REST APIs, optimizing MongoDB queries, implementing secure JWT-based authentication, and managing end-to-end deployments. Improved API performance by 30–40% through indexing and query optimization while ensuring stable, business-critical web platforms.

## CORE COMPETENCIES

- Full Stack Development (MERN Stack)
- RESTful API Design & Implementation
- Authentication & Authorization (JWT, RBAC)
- MongoDB Schema Design & Query Optimization
- Error Handling & Middleware Architecture
- Role-Based Access Control Implementation
- Performance Optimization & Debugging
- Production Deployment & Environment Configuration

## WORK EXPERIENCE

### Full Stack Developer | Vikah Ecotech Pvt Ltd

Sep 2024 – Present | Hyderabad

- Developed and maintained MERN-based web applications supporting internal business workflows and client operations.
- Designed and implemented 30+ RESTful APIs with structured validation, centralized error handling, and secure JWT-based authentication.
- Optimized MongoDB queries using indexing and schema restructuring, improving average API response time by approximately 30–40%.
- Implemented role-based access control (RBAC) across multiple user roles to ensure secure and restricted system access.
- Managed production deployments including environment-based configuration, SSL integration, and build optimization.
- Diagnosed and resolved backend performance bottlenecks and asynchronous handling issues, improving overall system stability.

## PROJECTS

### RubberScrapMart – B2B Marketplace

MERN Stack Application

- Built a full-stack B2B marketplace platform to manage listings, enquiries, approvals, and financial transactions.
- Developed 30+ secure REST APIs with pagination, filtering, and structured response handling for dynamic frontend rendering.
- Designed and implemented an admin dashboard for managing users, listings, and transaction records.
- Integrated invoice generation and automated email notifications to streamline transaction workflows.

### Vikah Ecotech Platform

React.js Web Application

- Developed reusable and responsive UI components to ensure consistent cross-device experience.
- Integrated frontend with backend APIs and implemented client-side validation to improve data accuracy.

## CONTACT

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- LinkedIn
- GitHub
- Portfolio

## TECHNICAL SKILLS

**Frontend:** React.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap

**Backend:** Node.js, Express.js, REST APIs, Middleware, MVC Architecture

**Security:** JWT, Role-Based Access Control, bcrypt, Input Validation

**Database:** MongoDB, Mongoose, Indexing

**Tools:** Git, GitHub, CI/CD

**Deployment:** Environment Configuration, SSL Setup, Production Builds

## ENGINEERING PRACTICES

REST API standards, Modular architecture, Centralized error handling, Git-based workflows, Environment-based configuration, Debugging & Performance Monitoring

## EDUCATION

B.Tech – Computer Science & Engineering

IIIT RGUKT – RK Valley  
2020 – 2024 | CGPA: 8.3

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