MOUNISHA V

FULL STACK DEVELOPER

CONTACT

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📍 Bengaluru

SKILLS

- Languages: JavaScript, TypeScript
- Frontend: React.js, HTML, CSS
- Backend: Node.js, Express.js, GraphQL, Socket.io
- Databases: PostgreSQL, MongoDB, Redis
- Tools & Platforms: Linux, Windows, Git, WebRTC,AWS

EDUCATION

2016-2020

Reva University
B.Tech in Electronics and Communication Engineering
CGPA: 7.9

ACTIVITIES & INTERESTS

Travelling,dancing

PROFESSIONAL SUMMARY

Full Stack Developer with 3+ years of experience in building scalable web applications and real-time systems. Proficient in JavaScript, React, Node.js, and databases like PostgreSQL and MongoDB. Specialized in ed-tech solutions, virtual classrooms, and AI-powered tools. Passionate about solving real-world problems through clean, efficient code and collaborative teamwork.

WORK EXPERIENCE

Better | 2021 – Present

◆ **Admin Management System**
- Designed and developed a centralized admin platform supporting multiple educational domains (art, chess, piano, dance), enabling staff to manage content, classes, teachers, and payments.
- Increased operational efficiency by 40% by unifying admin workflows under a single dashboard.

◆ **Learning Management System (LMS)**
- Implemented course builder, content upload, real-time grading, and student progress tracking.
- Helped scale to over 10,000 learning sessions, reducing student dropout rate by 25% through adaptive pathways.

◆ **Real-Time Communication System**
- Developed a notification engine to automate emails, SMS, and reminders for follow-ups and class schedules.
- Integrated Socket.io and WebRTC for live video classrooms and real-time chat, improving user engagement by 35%.

◆ **AI-Powered Tools**
- Integrated an AI-based "Study Buddy" that recommends personalized learning paths using student behavior and past performance.
- Built an AI cooking assistant that generates personalized recipes and nutrition plans based on user input and preferences.

◆ **Payments & Trial Class Flow**
- Integrated Stripe for secure payment workflows, handling one-time and recurring subscriptions.
- Designed a trial class booking system with automated reminders and analytics, improving trial-to-paid conversion rate by 22%.

◆ **Data & Performance Optimization**
- Used Redis to cache high-traffic endpoints like course content and quizzes, reducing backend latency by 60%.

◆ **Content Management Tools**
- Enabled teachers to build, tag, and publish course modules with ease.
- Built an auto-tagging system to categorize resources (PDFs, videos, articles), improving content discoverability by 30%.