

Mehul Singh

Software Engineer | Full Stack Developer

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EDUCATION

VIT Bhopal University

B.Tech in Computer Science | CGPA: 8.35/10.0

2022 – 2026

Bhopal, India

TECHNICAL SKILLS

- Programming: Java, JavaScript/TypeScript, REST APIs
- Frameworks: React.js, Next.js, Node.js, Express.js
- Databases: PostgreSQL, MongoDB, AppWrite, Drizzle ORM
- Tools: AWS, Vercel, Git/Github, Neon, Clerk

PROFESSIONAL EXPERIENCE

MyJobb AI

July 2025 – Present

SDE Intern

Remote

- Built web scraping pipelines to aggregate job listings from multiple platforms, automating and streamlining workflows.
- Integrated AWS SES service for sending personalized job emails, blogs, and profile completion reminders for 40,000+ users.
- Rebuilt AWS SES VDM dashboard in admin panel with CloudWatch, enhancing email insights and reliability.
- Implemented real-time analytics and reporting features, providing actionable insights to drive product decisions.
- Designed and implemented new user-centric features, enhancing platform functionality and engagement.
- Engineered scalable full-stack modules with Next.js and Node.js while collaborating through version control workflows.
- Enhanced SEO through dynamic meta tags, Open Graph, and Twitter cards, boosting search visibility.
- Optimized database queries and APIs performance, reducing response times and improving the overall user experience
- Collaborated with senior developers on code reviews, debugging, and planning to improve delivery quality and efficiency.

KEY PROJECTS

Serenity AI | Next.js, Node.js, PostgreSQL, AWS, Drizzle ORM, Gemini API

March 2025

- Built a wellness platform offering journal-based sentiment analysis and personalized mental health insights.
- Developed a mood tracker with interactive visualizations, handling 100+ journal entries and delivering actionable insights.
- Implemented NextAuth middleware for subscriptions, encryption, and breach prevention; integrated Razorpay payments.
- Added a sophisticated AI-driven chatbot to provide personalized guidance, mental health resources, and crisis support, significantly improving overall user engagement, satisfaction, and long-term retention rates across the platform.
- Integrated AWS SES with React Email templates for onboarding; optimized APIs with caching for enhanced reliability
- Enhanced SEO with blog page and comprehensive meta/OG/Twitter tags; built analytics dashboards and fully responsive UI.
- Implemented data encryption and security protocols, ensuring GDPR compliance for sensitive user information.
- Delivered a scalable, secure SaaS prototype blending AI, wellness, and cloud infrastructure.

Nav Shristi | Next.js, Node.js, Drizzle-ORM, PostgreSQL, Razorpay

December 2024

- Developed a comprehensive Hindu religious platform with landing, e-commerce, events, blogs, and articles modules.
- Built secure and scalable multi-role auth with JWT sessions, enabling unified user, seller, and admin dashboards.
- Prototyped seller onboarding UI with KYC and bank-linking workflows, plus product analytics and Razorpay integration.
- Implemented comprehensive admin controls for purchase approvals, KYC checks, metrics tracking, and role management.
- Designed a sophisticated 5-level referral system with tiered commissions (7%, 5%, etc) and milestone-based user upgrades.
- Built comprehensive order management system with tracking, dispute resolution, and automated commission calculations.
- Delivered a platform blending fintech-style workflows with cultural/community features.

Stocker | Next.js, Node.js, MongoDB, Node-Mailer

November 2024

- Developed inventory dashboard with OTP authentication, enabling product tracking, low-stock alerts, and role control.
- Integrated real-time analytics using Chart.js for sales trends and inventory metrics, improving decision-making efficiency.
- Implemented full inventory workflows including stock updates, threshold-based alerts, and searchable product database.
- Optimized MongoDB queries and API endpoints, reducing fetch times and ensuring smooth dashboard performance.
- Designed responsive, accessible UI with Next.js, enabling seamless usage across desktop and mobile devices.
- Integrated email notifications via Node-Mailer to alert users about low stock and critical inventory updates on regular basis.

EXTRACURRICULAR

- Technical Lead at D2C Club VITB - Leading technical initiatives, mentoring 20+ junior developers, coordinating tech events with 100+ participants.
- Top 3 in MERN-AI hackathon, 2nd position in Anti-Rag hackathon, active competitive programming participant with problem-solving expertise.
- Maintained open source projects on GitHub, conducted technical sessions on React.js and Node.js, volunteered at coding bootcamps teaching web development.

CERTIFICATIONS

- MongoDB Database Admin by MongoDB Atlas
- Advanced Fullstack Development by Udemy