Nikhil Malviya

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Profile

Aspiring Full-Stack Developer with practical experience in developing scalable web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js). Skilled in building responsive frontends using Tailwind CSS and Material UI, along with secure backend APIs using REST, JWT, and Clerk. Successfully developed NGO Saathi, a SaaS platform empowering NGOs to manage volunteers, donations, and inventory. Contributed to a hospital resource management system, selected for Smart India Hackathon 2024. Proficient in Git, GitHub, Agile development, and team collaboration. Passionate about delivering clean, user-focused solutions and driving innovation in dynamic development environments.

Projects

NGO SAATHI

· Developed a centralized SaaS platform enabling NGOs to connect with donors, volunteers, and communities.
· Built role-based dashboards for NGOs, volunteers, and donors for efficient access control and task visibility.
· Designed a full-featured NGO panel to manage donations, inventory, volunteer assignments, and events. donations, volunteer coordination, and other operational activities.
· Integrated secure in-app chat for seamless communication and coordination.
· Developed analytics dashboards to track NGO impact and user engagement in real-time.
· Built using MERN stack with responsive, scalable architecture.

BIZFLOW

· Created a customizable workflow automation tool combining CRM, task tracking, and invoicing modules.
· Implemented drag-and-drop UI for visual workflow building and dynamic task assignments.
· Developed CRM features for lead management, client follow-ups, and notification alerts.
· Automated invoice generation and email integration for streamlined operations.
· Built with MERN stack using **GraphQL/REST APIs** and **WebSockets** for real-time data sync.

REMOTECOLLAB

· Built a Slack-like collaboration tool with messaging, task management, and file sharing features.
· Enabled real-time chat using **Socket.io** and **Firebase**, with support for channels and DMs.
· Integrated a Kanban-style task board with project and task assignment tracking.
· Implemented file uploads, dark mode, notifications, and presence indicators.
· Used MERN stack, **Redis** for caching, and **Cloudinary** for cloud storage.

SMART LEARNING HUB

· Developed an online learning platform for course enrollment, quizzes, and certifications.
· Built an admin panel for managing content, user access, and monitoring performance.
· Integrated gamification features to improve user engagement and retention.

- Enabled downloadable certificate generation (PDF) upon course completion.
- Used MERN stack with **JWT authentication** and **Stripe** for course monetization.

CLICK&CART
- Created a scalable e-commerce platform supporting multiple vendors and end-users.
- Developed admin, seller, and customer dashboards with role-specific controls.
- Implemented product listing with inventory tracking, category filters, and image uploads.
- Integrated **Razorpay** payment gateway for secure transactions and real-time order tracking.
- Enabled invoice generation and downloading for order history and billing.
- Built using MERN stack with **Tailwind CSS** and **Cloudinary** for asset management.

Skills

- **Frontend:** JavaScript, TypeScript, React.js, HTML5, CSS3, Tailwind CSS, Material UI
- **Backend:** Node.js, Express.js, Nest.js, REST APIs, GraphQL
- **Databases:** MongoDB, PostgreSQL
- **DevOps & Tools:** Git, GitHub, Docker, Containers, Microservices
- **Auth & APIs:** JWT, Clerk, Razorpay, WebSockets, Cloudinary

Education

BCA| JUNE 2022 - JUNE 2025| AISHWARYA COLLEGE OF EDUCATION

12TH COMMERCE COMPUTER| JUNE 2022 | SIR PRATAP SENIOR SECONDARY SCHOOL

10TH | JUNE 2020 | SIR PRATAP SENIOR SECONDARY SCHOOL