

# MOKSH SHAH

MERN Stack Developer

+91 94273 90651

moksh.shah.mps@gmail.com

<https://github.com/MokshPShah>

<https://linkedin.com/in/me-moksh>

<https://www.shahmoksh.dev>

## ABOUT ME

Dedicated MERN Stack Developer with a strong foundation in building scalable, user-centric web applications. Proficient in React.js, Node.js, and MongoDB, with a focus on optimizing backend performance and integrating secure payment gateways like Razorpay. Expert at managing complex application state with Redux Toolkit and implementing real-time features using the Gemini AI API. Proven ability to deliver high-quality code through rigorous problem-solving and an active focus on Data Structures and Algorithms (DSA).

### Recognition

- Certified Full Stack Developer:** Accomplished intensive training in MERN architecture, completing 10+ end-to-end web projects.
- TechWar 2024 Hackathon:** Collaborated in a high-pressure environment to prototype a technical solution within a strict 24-hour deadline.
- PhonePe UI Clone Challenge:** Achieved 100% pixel-perfection in a high-fidelity mobile UI clone using React and Tailwind CSS.

### Skills

- Frontend:** React.js, Next.js, Typescript, Tailwind CSS, Redux Toolkit, Vite.
- Backend & DB:** Node.js, Express.js, MongoDB, Firebase, REST APIs.
- Tools & Security:** Git/GitHub, Postman, JWT, bcrypt, Razorpay, Cloudinary, Gemini AI API.
- Fundamentals:** Data Structures & Algorithms (DSA), OOP, Problem Solving.
- Soft Skills:** Effective Communication, Time Management, Team Collaboration, Adaptability.

## PROJECTS

### Full-Stack Inventory System | *React, Node.js, Express, MongoDB*

- Developed a MERN-stack inventory dashboard featuring 8 distinct frontend views and 4 structured MongoDB data models.
- Engineered 5 RESTful API routes to handle dynamic CRUD operations for product catalogs and user orders.
- Integrated the Cloudinary API for optimized, cloud-based media storage and efficient image delivery.
- Secured application routing and user sessions by implementing strict JSON Web Token (JWT) backend authentication.

### Full-Stack Blogging Platform | *React, Tailwind CSS, Node.js, Express*

- Built a responsive React Single Page Application (SPA) with 6 dedicated user interfaces for content creation and management.
- Engineered secure backend APIs utilizing Node.js and custom middleware to protect 100% of critical user endpoints.
- Centralized frontend API logic through 2 modular service handlers to reduce redundant code and ensure efficient state updates.
- Implemented robust user security flows utilizing JWT session validation and bcrypt password encryption.

### Strenoxa Premium E-Commerce Platform | *Next.js 14, TypeScript, Redux Toolkit, Razorpay, MongoDB*

- Architected full-stack e-commerce platform with Next.js 14 App Router (Server/Client Components) and TypeScript for type safety.
- Integrated Razorpay payment gateway with cryptographic signature verification, supporting Card/UPI/Netbanking/COD payment methods.
- Implemented Redux Toolkit for complex cart state management and designed MongoDB schemas for Dynamic inventory management system with concurrent user handling.
- Built dynamic coupon validation system, tax calculations, and address book management for premium checkout experience. Deployed frontend on Vercel with <1.5s page load time and 95+ Lighthouse score.

### Interactive AI Chatbot | *JavaScript, API Integration*

- Developed a responsive AI chatbot integrating the Google Gemini API to process and generate real-time, context-aware conversational responses with < 1 second latency.
- Implemented react-markdown to dynamically parse and render 100% of complex AI outputs, ensuring highly readable text and perfectly formatted code blocks.
- Engineered efficient frontend state management utilizing 3 core React Hooks (useState, useEffect, useRef) to seamlessly manage and update conversational history arrays.
- Optimized the UI by building an automated scrolling mechanism, completely eliminating manual scrolling and improving interaction flow during 100% of active user sessions.

## EDUCATION

### Bachelor of Science in Information Technology (B.Sc. IT)

Vidhyadeep University  
2024 - 2027(Expected)

### Higher Secondary Education (12th)

Shri C.C.Shah English High School  
2023 - 2024

### Secondary Education (10th)

Shri C.C.Shah English High School  
2021 - 2022