Alis Patel

MERN Stack Developer

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Profiles

alispatel111   Alis Patel

Summary

I am a Computer Science student with a strong focus on MERN stack development. practical experience with MongoDB, Express.js, React.js, and Node.js. I enjoy buildingfull-stack web applications that are fast, responsive, and easy to use. I write clean, maintainable code and stay updated with modern web development trends to deliver high-quality user experiences.

Skills

JavaScript	React	HTML	CSS	Node.js
Advanced	Advanced	Advanced	Advanced	Medium
Express.js	Tailwind CSS	MongoDB	Github	
Medium	Advanced	Medium	Medium	

Projects

TripEasy 3 Months

TripEasy is a comprehensive travel technology platform developed to simplify trip planning and booking. It allows users to create personalized travel itineraries by selecting flights, hotels, and activities. The platform features secure multi-gateway payment integration, automated invoice generation for bookings, and an engaging front end built with modern animations. The primary focus was on delivering an intuitive, user-friendly experience that seamlessly guides users from discovery to booking.

- MERN stack–based travel platform.
- Custom travel package creation.
- Secure Payment-gateway integration.
- Automated invoice generation.
- Fully responsive design across all devices.

Live Website

Biology Trunk 4 Months

Developed a full-stack MERN based online academic learning platform focused on biology education. Built an interactive and responsive user interface using React for lessons, quizzes, and dashboards. Implemented RESTful APIs with Node.js and Express.js to handle user data, course management, and analytics. Designed MongoDB schemas to store student progress, performance history, and preferences. Integrated live interactive classes using WebRTC for real-time student–faculty communication. Developed a secure payment and enrollment system for course access.

- Focused on scalability, clean architecture, and real-world EdTech use cases.
- Designed secure enrollment and payment workflow with MongoDB-backed data storage.
- Organized a clean, modular project structure with SEO-friendly routing and optimized performance.

Live Website

ScanTapPay — 4 Months

Developed a full-stack contactless e-commerce platform that enables instant product purchasing through QR code scanning and NFC tap-to-pay technology. Users can add products to the cart by scanning a QR code or tapping an NFC-enabled device on product tags, eliminating traditional checkout steps. The system processes secure payments in real time, generates digital receipts, and sends automated email confirmations. The platform includes a user dashboard for purchase tracking, an admin panel for inventory and QR/NFC management, and payment gateway integration, achieving a seamless sub-2-second scan-to-purchase experience while bridging physical products with digital convenience.

- QR code–based instant product scanning and cart addition.
- NFC tap-to-purchase functionality for contactless buying.
- Secure payment gateway integration with real-time transaction processing.
- Automated digital receipts, email notifications, and purchase tracking dashboard.

Live Website

Experience

Bytexl — Vadodara
Summer Internship — March 2024 to June 2024

Developed and maintained web applications using the MERN stack. Created responsive UI components with React and integrated them with Node.js backend. Implemented RESTful APIs and worked with MongoDB database for data storage and retrieval.

FlyAnyTrip — Vadodara, India
MERN Stack Developer Intern — Jan to March 2025

Developed **TripEasy**, a full-stack travel booking platform using the MERN stack, handling both frontend and backend development. Designed and implemented a smooth, responsive, and user-friendly UI/UX with React.js to ensure seamless navigation across all devices. Built and integrated backend APIs with MongoDB for managing users, bookings, payments, and travel packages efficiently. Developed an admin panel to manage trips, users, and booking data with real-time updates. Integrated and customized a secure payment gateway to provide a fast, reliable, and frictionless booking experience.

- Developed admin panel with backend and database integration.
- Implemented smooth booking flow from trip selection to payment completion.
- Maintained file structure.

FlyAnyTrip — Vadodara
Junior MERN Stack Developer — April-Present

Developed **BiologyTrunk**, a full-stack learning management platform with both **web application and mobile app**, handling complete frontend, backend, and database implementation. Built a secure **admin section** to manage users, faculty, courses, payments, and platform content. Designed a **faculty dashboard** to create, manage, and publish courses, track student enrollments, and monitor progress. Implemented a **student dashboard** for course access, learning progress, and payment history with a smooth and user-friendly UI. Integrated **secure payment gateway**, authentication, and role-based access to ensure safe transactions and data protection across the system.

- Built admin panel for managing faculty, courses, students, and payments.
- Developed faculty dashboard for course creation and student management.
- Implemented student dashboard with secure access and progress tracking.
- Integrated secure payment gateway with role-based authentication.
- Followed proper file structure with neat, clean, and maintainable code.

Education

Shree Swaminarayan Gurukul, Bhilad
General Education

Secondary School Certificate (SSC) • 68.83%
Bhilad, Gujarat, India • March 2019

Completed Class 10 from Gujarat State Board with B2 grade and 413/600 marks. Performed well in core subjects like Maths, Science, and Hindi. Also scored A grade in Computer and Value Education.

Shree Swaminarayan Gurukul, Bhilad
Science Stream

Higher Secondary Certificate (HSC – Class 12) • 74.61%
Bhilad, Gujarat, India • May 2021

Completed Class 12 (Science stream) from GSEB with subjects including Physics, Chemistry, Mathematics, English, and Computer. Scored 74.61% overall.

Parul University, Vadodara
Bachelor of Technology (B.Tech)

Computer Science and Engineering • 7.12 CGPA
Vadodara, India • May 2025

B.Tech Computer Science graduate from Parul University (2025). Skilled in web development and MERN stack. Completed internships and projects. Active in coding contests to improve skills.

Certifications

Data Analytics with Python
NPTEL
Download Certificate

Reactjs
Infosys SpringBoard
Download Certificate

Languages

English
● ● ● ○ ○

Gujarati
● ● ● ● ●

Hindi
● ● ● ● ●