

ADITYA NARAYAN PATHAK

Full-Stack Engineer | AI-Assisted Rapid Builder

adityapathak.builds@gmail.com • +91 9297711909

PROFESSIONAL SUMMARY

Full-Stack Engineer focused on rapidly building production-style web applications with React, Next.js and Firebase. Experienced in real-time multi-role systems, business dashboards, custom UPI payment verification, and AI-assisted development workflows. Comfortable taking a product from idea and architecture through deployment, testing, and iteration, with a strong focus on practical business requirements and clean user experiences.

TECHNICAL SKILLS

Frontend: JavaScript (ES6+), React.js, Next.js, HTML5, CSS3, Tailwind CSS, Responsive Design

Architecture: Multi-Role Systems, Real-Time Data Sync, State Management, Payment Verification

Backend & Data: Firebase, Firestore, Authentication, Real-time Listeners, Security Rules

Tools: Git/GitHub, Vercel, Netlify, Cursor, Windsurf, AI-Assisted Development

FEATURED PROJECTS

Custom UPI Payment Verification Gateway

Next.js • Firebase • UPI • Email Verification

- Built a self-hosted payment-gateway-style system for automated UPI payment verification without relying on a conventional paid payment gateway.
- Designed payment verification flows around transaction emails, Firebase-backed order state, amount matching, and multiple verification rails.
- Built a public checkout flow with dynamic payment amounts and app-specific UPI payment handling, designed for integration into other websites and small-business workflows.

[LIVE DEMO / TEST PAYMENT](#)

Test amount: ₹1 • Public checkout demo; no admin/configuration access exposed.

E-Commerce Platform

Next.js • Firebase • Real Business Workflow

- Developed a live e-commerce system covering customer browsing, product/order management, and administrative operations.
- Built responsive Next.js interfaces with reusable components, structured loading states, and Firebase-backed data management.
- Integrated the custom UPI payment gateway into the commerce workflow, connecting the customer-facing purchase flow with automated verification infrastructure.

[CUSTOMER / STORE](#)

[ADMIN](#)

[MANAGEMENT](#)

Demo access: **demo123** • Admin access: **admin123**

Restaurant QR Menu & Kitchen Management System

HTML • CSS • JS • Firebase • Real-Time KDS

- Architected a multi-role digital ecosystem covering Customer, Kitchen Display System (KDS), and Management operations.
- Implemented real-time order queuing and dynamic state updates using Firestore listeners for instant kitchen synchronization without page reloads.
- Built management tooling for menu CRUD, stock/sold-out controls, and configurable restaurant settings.

[CUSTOMER VIEW](#)

[KITCHEN DISPLAY](#)

[MANAGEMENT](#)

Demo access: **demo@demo.com** • Password: **demo123**

EDUCATION

Bachelor of Computer Applications (BCA)
Manipal University Jaipur

Expected Graduation: 2028