

ANKIT J. PATEL

SENIOR FULL STACK DEVELOPER

+91 9979517447 | ajpatel15595@gmail.com | Ahmedabad, Gujarat, India

LinkedIn: <https://www.linkedin.com/in/ankit-patel-fullstack> | Portfolio: <https://ankitpatelcloud.com>

PROFESSIONAL SUMMARY

Senior Full Stack Developer with 11+ years of experience building scalable, high-performance systems across FinTech, FoodTech, Logistics, Travel, Retail, and Healthcare using Node.js, React, Next.js, TypeScript, and Laravel. Most recently architected and shipped an algorithmic trading and automated order execution engine, a broker-integrated portfolio management platform (IIFL, Zerodha, Definededge), and a live location-based discovery platform (snoopin.in). Previously built food delivery and ride-hailing systems handling thousands of daily transactions and analytics tools that cut manual reporting by 90%. Strong in microservices, event-driven design (Apache Kafka), real-time systems (Socket.io), PostgreSQL, MongoDB, Redis, and AWS. Proven team lead and mentor who uses AI-assisted development (Claude, Cursor, GitHub Copilot) to ship faster without compromising quality.

CORE TECHNICAL SKILLS

Backend Development: Node.js, Express.js, Laravel, PHP, Microservices, Apache Kafka, Distributed Systems, GraphQL, RESTful APIs, Socket.io, WebSockets, Yii Framework, CodeIgniter

Frontend Development: React.js, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, Bootstrap, AJAX, Responsive Design

Database & Caching: MySQL, PostgreSQL, MongoDB, Redis, Query Optimization, Database Design, Performance Tuning, Indexing

DevOps & Cloud: AWS (EC2, S3, RDS), DigitalOcean, Vercel, Netlify, Firebase, Docker, Nginx, Git, GitHub, GitLab, Datadog, Linux Server Administration, CI/CD

Integrations: Broker/Trading APIs (IIFL, Zerodha Kite, Definededge), Stripe, PayU, Razorpay, Authorize.Net, SendGrid, Mailgun, Firebase Cloud Messaging, Google Maps & Places API, Google OAuth, Social Media APIs

Automation & Trading Systems: Algorithmic Trading, Web Scraping (Puppeteer), Automated Order Execution, Cron/Background Jobs, Electron Desktop Apps, Real-time Data Streaming

AI & Modern Tools: ChatGPT, Claude AI, GitHub Copilot, Cursor, Antigravity, AI-powered development, Code generation, Automated code reviews

Data Visualization: Highcharts, Chart.js, DataTables, AG Grid, Custom dashboards

Methodologies: Agile, Scrum, Test-Driven Development (TDD), Jest, Code Review, Team Leadership, Mentoring

PROFESSIONAL EXPERIENCE

Senior Full Stack Developer | Independent Consulting – FinTech & Retail Products (Remote) October 2025 – Present

- Own end-to-end architecture, development, and deployment of production platforms for international clients using Node.js, Next.js, React, PostgreSQL, MongoDB, and Redis on AWS.
- Architected an algorithmic trading engine that captures live strategy signals and executes orders automatically across multiple client accounts, shipped as a cross-platform Electron desktop app.
- Built a broker-integrated portfolio management platform (IIFL, Zerodha, Definededge) with real-time Socket.io dashboards, FIFO-based P&L, and hierarchical role-based access.
- Launched Snoopin (snoopin.in), a location-based brand discovery platform with a Next.js web app, React admin panel, and Node.js/MongoDB REST APIs.
- Implemented enterprise security and reliability: TOTP 2FA, JWT/OAuth, audit trails, scheduled background workers, and automated test suites (Jest).
- Improved performance through query batching, Redis caching, and AWS infrastructure tuning, resolving timeouts and reducing hosting costs.
- Accelerated delivery cycles using AI-assisted development (Claude, Cursor, Copilot).

Senior Full Stack Developer | Ocius Technologies, Ahmedabad August 2023 – September 2025

- Led development of AI-powered marketing attribution platform (Atrilyx) processing millions of data points.
- Architected complex data visualization solutions using Highcharts and AG Grid for marketing analytics dashboards.
- Developed automated reporting systems reducing manual work by 90% through scheduled email distribution.
- Mentored team members on PHP best practices, design patterns, and code quality standards.
- Implemented Agile/Scrum methodologies, improving delivery speed by 40%.
- Integrated multiple marketing channels (Google Ads, Facebook, Instagram) into a centralized dashboard.

- Led backend development for multiple mobile applications in TravelTech and FoodTech domains.
- Designed and developed GraphQL and RESTful APIs in Node.js and Laravel serving 10,000+ daily requests.
- Mentored 3 junior developers, guiding them to mid-level positions through code reviews and structured training.
- Implemented Redis caching strategies, improving API performance by 70%.
- Developed real-time order tracking and booking systems handling 15,000+ transactions monthly.
- Integrated multiple payment gateways (Stripe, PayU, Razorpay) ensuring highly secure transactions.

Senior PHP Developer | Fusion Informatics Ltd, Ahmedabad

February 2017 – March 2020

- Developed and architected scalable web applications using Yii Framework, Laravel, and CodeIgniter for transportation and healthcare industries.
- Led technical architecture planning and database design for high-traffic applications.
- Optimized complex database queries, reducing page load time by 60% through indexing and caching.
- Mentored and guided junior developers in coding best practices and Agile methodologies.

Junior PHP Developer | Fusion Informatics Ltd, Ahmedabad

April 2015 – January 2017

- Developed backend APIs and modular structures for custom web applications.
- Implemented secure third-party API integrations for payment gateways, SMS, and email services.
- Built responsive, user-friendly frontend interfaces using Bootstrap, CSS3, and jQuery.
- Participated actively in code reviews, unit testing, and Agile sprint planning sessions.

Trainee | Fusion Informatics Ltd, Ahmedabad

January 2015 – March 2015

- Acquired hands-on training in PHP web development, relational database design, and MySQL.
- Assisted senior developers in bug fixing, writing clean procedural/OOP code, and database maintenance.
- Learned software development lifecycle (SDLC) processes, Agile fundamentals, and version control using Git.

KEY PROJECTS

Dashtrade - Stock Market Portfolio Management & Algo Trading Platform**Technologies:** Next.js, React.js, Node.js, Express.js, PostgreSQL, Redis, Socket.io, Puppeteer, Electron, Jest, Broker APIs (IIFL, Zerodha, Definedge)**Cloud:** AWS (EC2, RDS, S3), Docker, Nginx, GitHub, CI/CD

- Developed a multi-tier portfolio management system with hierarchical roles (Super Admin, Admin, Relationship Manager, Client), letting RMs manage client groups and execute bulk trades
- Integrated IIFL, Zerodha and Definedge broker APIs for order placement, positions, holdings and balances, with TOTP/2FA login and automatic session renewal
- Built an algorithmic trading engine that scrapes live strategy signals with Puppeteer and automatically places orders across client accounts, with per-client position caps, IST trading windows, fill verification and quantity-aware square-off
- Packaged the algo engine as a cross-platform Electron desktop app (Windows, macOS, Linux) with a real-time signal dashboard and text-to-speech trade alerts
- Implemented FIFO-based position tracking and realized P&L calculation for F&O and equity, with Redis caching and background revalidation for faster dashboards
- Automated data pipelines with scheduled cron jobs for broker sync, instrument master, NSE Bhavcopy and index data, including job-run logging and trade audit trails
- Built live dashboards via Socket.io for active trades, order book, positions, holdings, CNC targets and risk-based portfolio segmentation

Snoopin - Location-Based Brand & Product Discovery Platform (<https://snoopin.in>)**Technologies:** Next.js, React.js, TypeScript, Node.js, Express.js, MongoDB, Google Maps & Places API, Google OAuth, JWT**Cloud:** AWS (EC2, S3), Vercel, Swagger, Google Analytics 4, GitHub

- Developed a full-stack platform helping users discover their favourite brands and products at nearby stores, with a Next.js customer app and a React admin panel
- Implemented location-aware search using Google Maps, Places Autocomplete and IP-based geolocation with multi-country and state-level filtering
- Built bulk CSV/Excel import for stores and inventory with automated geocoding, validation and concurrent batch processing
- Designed role-based admin panel (Admin, Sub-Admin, Vendor) with product-store mapping, branded QR code generation and AWS S3 media uploads
- Optimized search by batching database relation lookups, fixing slow and timing-out queries; added unfound-search tracking to surface unmet demand

Atrilyx - AI-Powered Marketing Attribution Platform

Technologies: PHP, Matomo, React.js, Highcharts, AG Grid, MySQL, Email Automation

Cloud: Databricks, AWS (EC2, RDS), CI/CD, GitHub

- Developed Matomo admin panel plugin with advanced data visualizations using Highcharts
- Implemented AG Grid tables with complex grouping, filtering, and sorting capabilities
- Built scheduler module for automated daily report generation and email distribution
- Created AI-driven campaign insight algorithms for ROI, CPA, and conversion analysis
- Reduced manual reporting time by 90% and improved ROI tracking accuracy by 95%

My Travel Book App - TravelTech Booking Platform

Technologies: Node.js, Laravel, MySQL, Firebase, Email & SMS Gateways, Payment Gateways

Cloud: AWS (EC2, RDS, S3), GitHub

- Designed scalable MySQL database architecture for multi-property management
- Built comprehensive RESTful APIs in Node.js powering iOS and Android applications
- Developed Admin and Owner Panels for property management and analytics
- Implemented secure payment processing with multiple gateway support (Stripe, PayU)
- Processed 10,000+ bookings in first year with 99.9% API uptime

HUNGERS - Food Delivery Application

Technologies: Node.js, Laravel, MySQL, Redis, WebSockets, Email & SMS Gateways

Cloud: AWS (EC2, RDS, S3), GitHub

- Developed RESTful APIs in Node.js for customer, restaurant, and delivery partner apps
- Implemented real-time order tracking using WebSockets and Firebase
- Built restaurant dashboard in Laravel for menu and order management
- Implemented Redis caching reducing API response time by 70%
- Successfully handled 3,000+ daily orders with 98% customer satisfaction

Cab1 - Transportation & Logistics Platform

Technologies: Yii Framework, MySQL, Google Maps API, Email & SMS Gateways

Cloud: AWS (EC2, RDS, S3), GitHub

- Developed RESTful APIs supporting multiple ride types (Local, Rental, Outstation)
- Implemented real-time driver tracking and allocation system
- Built fare calculation engine with dynamic pricing and surge pricing algorithm
- Processed 10,000+ rides monthly with 98% customer satisfaction rating

KEY ACHIEVEMENTS

- 11+ years of professional development experience
 - 15+ technologies mastered
 - 10+ payment gateways integrated
 - 70% database performance improvement
- 30+ projects successfully delivered
 - 5+ team members mentored to senior positions
 - APIs serving millions of requests daily
 - 80% deployment time reduction via CI/CD

EDUCATION

Diploma in Computer Engineering | Merchant Polytechnic, Basana

Graduated: 2014 | CGPA: 6.09/10

LANGUAGES

English (Professional Working Proficiency) | Hindi (Native) | Gujarati (Native)

AVAILABILITY

Availability: Immediate / Can join immediately | Work Type: Full-time, Contract | Remote / Hybrid