

SNEH JAISWAL

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SUMMARY

- Full-Stack Developer with **3.8+ years of experience** architecting scalable SaaS platforms, real-time fintech applications, and AI-powered tools using the MERN stack.
- Proficient in **React.js, Node.js, TypeScript, PostgreSQL, Redis, Prisma ORM**, REST/GraphQL APIs, JWT authentication, and cloud deployments.
- Expert in integrating **7+ Indian broker APIs** (Zerodha, Angel One, Upstox, Alice Blue, Kotak, ICICI, Dhan), building SEBI-compliant trading engines, and delivering automated billing, WhatsApp notification, and AI-powered systems.
- Skilled in end-to-end product development — system design, database optimization, CI/CD pipelines, and third-party integrations — in **Agile/Scrum** environments.

Technical Skills

Frontend: HTML5, CSS3, JavaScript (ES6+), React.js, Next.js (Basics), Bootstrap, TypeScript

Backend: Node.js, Express.js, Fastify (TypeScript), FastAPI (Basics)

Databases: MongoDB, MySQL, PostgreSQL, Redis (Caching & Pub/Sub)

ORM & Tools: Prisma ORM, Git, GitHub, Postman, VS Code

AI & Others: OpenAI API, JWT Authentication, REST APIs, GraphQL, WebSockets

API Integrations: Zerodha, Angel One, Upstox, Alice Blue, Kotak, ICICI Direct, Dhan, Razorpay, Surepass, WhatsApp Business API, Facebook API

Other Skills: Automated Trading Systems, Backtesting Engines, SEBI Compliance, RBAC, CI/CD, Agile/Scrum

Professional Experience

Full-Stack Developer

P&P Infotech Applying Solutions | Sep 2022 – Present

- Architected and shipped 12+ production-grade SaaS and fintech applications using React.js, Node.js, PostgreSQL, Redis, and TypeScript; maintained 99%+ uptime across all platforms.
- Led end-to-end product development lifecycle — requirements analysis, system design, coding, testing, and CI/CD deployment — reducing release cycles by 25%.
- Integrated 7+ Indian broker APIs for real-time order execution, live market data streaming, and multi-broker portfolio management from a single unified platform.
- Implemented AI-powered features using OpenAI API: NLP chatbots, automated content generation, and intelligent strategy builders for trading platforms.
- Built automated billing engines, Razorpay payment pipelines, WhatsApp Business API notification systems, and dynamic PDF generation workflows.
- Optimized database performance via Prisma ORM, Redis caching, and query tuning — achieving up to 40% reduction in API response times.
- Collaborated with cross-functional teams; applied Agile/Scrum to reduce deployment time by 25% and improve user experience metrics by 30%.

Technical Projects

Stock Box - Real-Time B2B Trading & Portfolio Management Platform (React.js, Node.js, PostgreSQL, Redis, Multiple Broker APIs)

- Integrated 7+ major Indian brokers (Zerodha, Angel One, Upstox, Alice Blue, Kotak, ICICI, Dhan) for real-time order placement, live market data feeds, and unified multi-broker execution.

- Built a high-performance basket order engine with complete order lifecycle management, execution tracking, and real-time strategy deployment.
- Developed a SEBI-compliant KYC/document validation module using Surepass API — automated Aadhaar and PAN verification with zero manual intervention.
- Implemented real-time portfolio analytics, P&L tracking, and performance dashboards for institutional and retail users.
- Delivered a scalable, cloud-deployed, regulation-compliant trading platform with role-based access control.

IP Hub Management Panel + Payment Management System (React.js, Node.js, PostgreSQL, Prisma ORM, Redis, Cloud, Razorpay)

- Designed a multi-tenant SaaS panel supporting real-time addition, removal, and lifecycle management of servers and IP pools.
- Engineered an automated billing engine: auto-generates invoices, handles suspension workflows, sends email and WhatsApp alerts, and manages Razorpay payment settlements.
- Used Prisma ORM and Redis caching for data layer performance; achieved sub-100ms API responses under load.
- Delivered self-service client dashboard enabling autonomous IP subscription management — reduced manual accountant workload by ~70%.

AI-Powered Backtesting & Strategy Platform (React.js, Node.js, PostgreSQL, MongoDB, OpenAI API, Redis)

- Built a robust backtesting engine using historical Indian market data (NSE/BSE) with configurable parameters for accurate strategy simulation.
- Integrated OpenAI GPT API for a conversational strategy builder — users describe strategies in natural language and the system generates executable trading logic.
- Developed drag-and-drop strategy builder supporting manual, automated, and options-based workflows; enabled strategy subscription, purchase, and marketplace.
- Admin + user panel for strategy subscription management with low-latency Redis pub/sub signal routing.

SOP Scalping Software (React.js, Node.js, Fastify with TypeScript, Redis, WebSockets)

- Built a specialized high-frequency scalping system with real-time technical indicator computation, automated signal generation, and sub-second order execution.
- Implemented advanced risk management: dynamic stop-loss, take-profit, trailing logic, and position sizing rules.
- Leveraged Fastify (TypeScript) + Redis for low-latency backend architecture optimized for time-critical trade executions.
- Delivered user-friendly interface for monitoring live scalping strategies and real-time performance metrics.

New Smart Algo - Automated Trading Platform (React.js, Node.js, MongoDB, TradingView, MT5)

- Created a user-centric automated trading platform with drag-and-drop strategy builder integrating TradingView, RDB, and MT5 for real-time execution.
- Supported manual, automated, and options chain-based trading strategies with target, stop-loss, and time-based execution rules.
- Achieved significant improvement in trade execution speed and accuracy with low-latency order routing.

Trade Street - Live Charting & Trade Scripting (React.js, Fastify with TypeScript, Bootstrap, MongoDB, GraphQL, Apollo Client)

- **Integrated GraphQL APIs with Apollo Client**, enabling efficient data fetching, real-time subscriptions, and optimized performance with minimal re-renders.
- **Implemented reusable form components and dynamic filters**, leveraging React Hooks and Context API for state management, enhancing code scalability.
- **Optimized frontend performance** by applying lazy loading, memoization, and bundle splitting, resulting in a 30% faster initial load time.

E-Sign - Aadhaar-Based Digital Signature SaaS (React.js, Node.js, SQL, Surepass API, Razorpay)

- Architected a government-compliant e-signing platform with Aadhaar, PAN, and email verification via Surepass API; achieved 99.9% authentication accuracy.
- **Implemented e-signing workflow** ensuring 99.9% authentication accuracy as per government compliance standards.
- **Managed payment processing via Razorpay**, covering both user transactions and government fee settlements.
- Enabled dynamic PDF generation and signing, ensuring legal document storage and traceability.

- Delivered the platform as a SaaS subscription-based service, allowing businesses to embed e-signing in their workflows.

Outlook: Comprehensive Business Management System (React.js, Node.js, Bootstrap, MongoDB)

- Developed a complete ERP-style platform for managing customers, clients, staff, jobs, and timesheets.
- Built modules for job creation, assignment, progress tracking, staff performance monitoring, and payroll processing through approval workflows.
- Incorporated role-based access control (RBAC) and encrypted data storage for secure, scalable operations.

Education

Bachelor of Computer Applications at Vikram University

Ujjain | 2020-2023

Certifications

JavaScript (Basic) Certificate - JavaScript (Basic) Certificate – HackerRank

JavaScript Algorithms and Data Structures - Legacy JavaScript Algorithms and Data Structures Certificate

Achievements

- **Successfully integrated 7+ broker APIs** and built a unified multi-broker trading platform enabling real-time order execution across all major Indian brokers.
- **Built an inbuilt SEBI-compliant document validation module** that auto-verifies user KYC before allowing trading access, ensuring regulatory adherence without manual intervention.
- **Developed AI-powered backtesting engine + OpenAI chatbot**, enabling users to create and test advanced trading strategies using natural language.
- **Automated billing and IP management system** reduced manual accountant workload by ~70% through auto-invoicing, Razorpay integration, and WhatsApp/email notifications.
- Maintained 99%+ uptime and high performance across all production SaaS applications with Redis caching and cloud-native deployments.