

# Ankit Panchal

Indore, Madhya Pradesh, India

+91 9993673521 | [ankit0panchal@gmail.com](mailto:ankit0panchal@gmail.com) | [linkedin.com](https://www.linkedin.com/in/ankit0panchal) | [github.com](https://github.com/ankit0panchal) | [Portfolio](#)

## EDUCATION

**Shri Vaishnav Institute of Management & Science**

Bachelor of Computer Applications (BCA); GPA: **7.47/10**

**Indore, India**

Aug. 2021 – Aug. 2024

## EXPERIENCE

**Skilzen Ed-Tech**

**Hyderabad, India · Sep 2022 – Sep 2024**

**Tech Stack:** React Native, Next.js, GraphQL, TypeScript, WebSocket, Novu, PhonePe API, Gupshup, Zod

- Transitioned from intern to full-time Software Engineer after consistently delivering production-grade features and performance optimizations.
- Led 70% of the frontend development** for the College King app using React Native, significantly improving performance and cross-platform stability.
- Integrated **PhonePe payment gateway**, reducing failures via robust verification and error handling workflows.
- Engineered a **privacy-first call masking system** with Gupshup and proxy servers to ensure secure user communication.
- Built a **multi-channel notification system** using Novu, enabling push, email, SMS, and in-app delivery with improved engagement.
- Developed a **real-time WebSocket-based chat** platform with message persistence, typing indicators, and read receipts.
- Created a **dynamic user preference system** using React Hook Form and Zod, with multi-step flows, validation, and data persistence.

**MaticAlgos**

**Pune, India · Sep 2024 – Present**

**Tech Stack:** React.js, React Flow, TypeScript, REST API, Python, Listmonk, LLMs, Linux

- Built a complete trading strategy builder frontend using React and React Flow, **serving 500+ users** and **powering 2,000+ backtests**, enabling visual construction, testing, and deployment of strategies.
- Integrated an **in-browser code editor** to support advanced custom logic, making the platform flexible for both beginners and pro traders.
- Developed and integrated an **AI-powered strategy assistant** using LLMs to help users auto-generate trading logic based on natural language prompts.
- Engineered a **broker integration platform**, allowing clients to connect and manage trading accounts and orders securely via the Spark Dashboard's auth infrastructure.
- Automated user email ingestion pipelines from Excel to **Listmonk**, implementing data validation, deduplication, and segment tagging to streamline marketing campaigns.
- Contributed to **cloud infrastructure optimization**, ensuring high system availability, auto-scaling, and failover support for production workloads.

## PROJECTS

- OneUp Invest** [[Link](#)]: Built a full-stack trading platform with OpenAI-powered portfolio generation, real-time broker integration (Snaptrade, Robinhood), and secure order execution. **serving 10,000+ users**
- Aura AI** [[Link](#)]: Created an AI chatbot to enhance user confidence and conversation skills in social/dating contexts, using real-time language generation.

## SKILLS

**Languages:** TypeScript, JavaScript, React.js, Next.js, React Native, Node.js, Express.js, Rust, Python

**Developer Tools:** MongoDB, PostgreSQL, Prisma, Kafka, Redis, REST APIs, GraphQL, WebSocket, Firebase, OpenAI, Docker, CI/CD, Tailwind CSS, Redux, Zustand, AWS, Stripe, NextAuth, Jest, Vitest, Supertest, Cloudinary, Langchain, Docker and Kubernetes