

Pranav Kokate

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[GitHub](#) | [Portfolio](#) | [LinkedIn](#) | [LeetCode](#) | [GeeksforGeeks](#)

Education

Terna Engineering College, Navi Mumbai
Bachelor of Engineering, Computer Engineering

2023 - 2027
GPA: 8.6/10

Experience

Full Stack Developer Intern — KryptMedia (Remote)

Jan 2026 - Aug 2026

- Built and deployed **MyAiGurukul**, a cohort-based LMS using Next.js, Express.js, Prisma and PostgreSQL with course authoring, enrollment, learner progression, labs, assignments, submissions, discussions, private S3-compatible storage, and Stripe/Razorpay webhook provisioning.
- Took ownership of **Safezy**, an existing production e-commerce/CRUD platform, and evolved it into a multi-role EHS/workplace-safety system while preserving existing users and production data through schema and database migrations.
- Added Gemini-powered analysis of image, video and voice evidence for Unsafe Acts, Unsafe Conditions and Near Misses, CAPA recommendations, manager-to-safety-officer reporting workflows, and additional product/order modules.
- Delivered production infrastructure across projects using Railway, DigitalOcean and Supabase/PostgreSQL; also developed **Inner Harmony**, a responsive multi-page client website with GSAP/ScrollTrigger animations and reusable frontend components.

Projects

FlowMate — Event-Driven Workflow Automation Platform

[Code](#)

TypeScript · Node.js · Express.js · Next.js · PostgreSQL · Prisma · Apache Kafka · Docker · Turborepo

- Built a Zapier-like platform with webhook and scheduled triggers, configurable multi-step workflows, a Next.js dashboard, and REST APIs.
- Designed an asynchronous execution pipeline using PostgreSQL transactions, a transactional outbox, Apache Kafka and staged workers to execute ordered actions reliably.
- Created a pluggable action engine for Email, Solana, Slack, Discord, HTTP and logging with runtime payload templating, JWT auth, bcrypt hashing and Zod validation.

DrawMate — Real-Time Collaborative Whiteboard

[Code](#)

TypeScript · Next.js · HTML5 Canvas · Node.js · Express.js · WebSockets · PostgreSQL · Prisma · JWT · Zod · Turborepo

- Built room-based real-time collaboration with authenticated WebSockets and room-scoped broadcasting; implemented a custom Canvas engine for rectangles, circles, freehand strokes and text.
- Persisted drawings as serializable operations in PostgreSQL and reconstructed canvas state for joining/reconnecting clients across separate frontend, REST API and WebSocket services.

BingeVibe — Published VS Code Extension

[Code](#) | [Marketplace](#)

TypeScript · VS Code Extension API · Webviews · Node.js · YouTube Data API v3 · YouTube IFrame API

- Built and published a VS Code/Cursor extension with 140+ downloads that lets developers search and watch YouTube Shorts without leaving the editor.
- Engineered playback across the extension host, sandboxed Webview and localhost server with bidirectional messaging, nonce-based CSP, paginated API integration, secure key storage and editor-aware auto pause/resume.

Skill Share — AI-Powered Skill-Matching Platform

[Code](#)

Node.js · Express.js · MongoDB · Mongoose · RabbitMQ · Gemini API · JWT · React · Jitsi

- Built a peer-to-peer platform that classifies help requests with Gemini, matches users by registered skills, and creates shared Jitsi rooms for collaboration.
- Designed RabbitMQ worker-based notification fan-out with MongoDB bulk operations and implemented access/refresh-token auth using bcrypt and HttpOnly cookies.

Technical Skills

Languages: JavaScript, TypeScript, C++, C, Python, Java, SQL, Solidity

Frontend: React.js, Next.js, Redux, Tailwind CSS

Backend: Node.js, Express.js, REST APIs, WebSockets, Kafka, RabbitMQ, JWT, Zod

Databases: PostgreSQL, MongoDB, Redis, Prisma ORM

DevOps & Cloud: Docker, Kubernetes, AWS EC2, S3, CloudFront, ASGs, Nginx, PM2, CI/CD, Prometheus, Grafana, VPS, Bash

Core: System Design, DSA, DBMS, OS, Computer Networks

Achievements

- Ranked 13/1117 students on the GeeksforGeeks college leaderboard.
- LeetCode rating: 1541.