

Rushikesh Sapkal

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EDUCATION

Indian Engineering College <i>Bachelor of Engineering in Electronics and Telecommunication Engineering</i>	Pune, Maharashtra 2023 – 2027
Indian Engineering College <i>Honours in Artificial Intelligence and Machine Learning</i>	Pune, Maharashtra 2025 – 2027
Secondary and Higher Secondary Education <i>Completed 10th with Distinction and 12th with First Class</i>	Maharashtra, India 2019 – 2022

EXPERIENCE

Full Stack Java Developer <i>Indian College, under professor</i>	Nov 2025 – Mar 2026 Pune, Maharashtra
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- Developed an asset management application for institutional inventory tracking, using React for the frontend and Spring Boot REST APIs backed by PostgreSQL, with role based access control gating approval actions by user role.
- Built frontend and backend features end-to-end, validating APIs, testing application workflows and coordinating with faculty members through the SDLC
- Designed the inventory tracking data model and multi-step request approval workflow, and built an admin dashboard for reviewing and actioning pending requests.

PROJECTS

Mercia - Email and Resume Tracker <i>Next.js, TypeScript, Hono, Better Auth, Drizzle ORM, Upstash Redis</i> Live • Built a tracking platform that logs email opens, resume views, and link clicks via invisible pixel and redirect based tracking. • Integrated Gmail OAuth 2.0 for authenticated email delivery and built Upstash Redis backed rate limiting with per-user usage quotas, encrypting tracking identifiers to prevent enumeration attacks. • Designed a responsive analytics dashboard enabling users to monitor engagement metrics, email performance and resume activity.
God's Eye - AI Powered Job Platform <i>LangGraph, LangChain, RAG, Hono, Gemini API, Bright Data, Docker</i> • Building God's Eye, a job aggregation platform that scrapes software engineering listings from multiple job boards using Bright Data, orchestrated through scheduled scraping pipelines running in Docker • Implemented background job processing with LangGraph agents for deduplication and relevance scoring, using Gemini API to analyze listings and rank recommendations against user profile data. • Structured the backend around Redis for job queue management, PostgreSQL for structured listing storage, and Docker for service isolation across the scraping, analysis, and API layers.
HellGym - Ultimate Gym Companion <i>React, Tailwind CSS, Express.js, Node.js, Firebase</i> Live • Built and deployed a full-stack fitness platform using Firebase Authentication and Firestore, enabling personalized workout tracking, exercise management and real-time schedule synchronization. • Designed an interactive and responsive user interface with smooth animations, customizable workout splits and optimized performance across desktop and mobile devices. • Implemented Firebase Authentication with protected routes and Firestore backed progress tracking, logging completed sets, reps, and weight progression over time.

TECHNICAL SKILLS

Languages: Java, C++, JavaScript, TypeScript, Python, SQL
Frontend: React.js, Next.js, Tailwind CSS, HTML5, CSS3
Backend: Spring Boot, Node.js, Express.js, Hono, REST APIs
Databases: PostgreSQL, MongoDB, Firebase Firestore, Supabase
Cloud & Dev Tools: Git, GitHub, Docker, Vercel, Cloudflare, Upstash Redis, VS Code, IntelliJ IDEA, Postman
Core Concepts: Data Structures and Algorithms (LeetCode: 250+ solved), Object-Oriented Programming, DBMS, Operating Systems, Computer Networks, Authentication, API Design, Responsive Web Development