

Raj Tiwari

Navi Mumbai | 00rajtiwari00@gmail.com | [rajtiwari18](#) | [Portfolio](#)

EDUCATION

Chhatrapati Shivaji Maharaj University

Bachelor of Technology in Computer Science

Navi Mumbai

Aug. 2025 – 2029

Harkirat Singh Cohort / Bootcamp

Web3 Systems, Full-Stack Development, Infrastructure

Remote

Jan. 2026 – Jun. 2026

EXPERIENCE

Founder & Developer

Independent Source-Code Marketplace

Apr. 2026 – Present

Remote

- Design, build, and sell production-ready SaaS, DevOps, and AI-agent project templates to developers, owning the full lifecycle from architecture to customer support
- Grew catalog to 12 templates serving 40 customers, generating Rs. 15,000 in total sales

Open Source Contributor

Jaeger (CNCF) & Headlamp (Kubernetes SIGs)

Remote

- Contributed a bug fix to Jaeger, a CNCF-graduated distributed tracing platform, as part of the LFX Mentorship program
- Contributing a fix for a React rules-of-hooks violation in Headlamp, the CNCF Kubernetes SIGs web UI, as part of the LFX Mentorship program

PROJECTS

Slack AI Agent | *LangChain, GPT-4, PostgreSQL, Express, Slack Bolt SDK*

- Built an AI-powered Slack agent using LangChain and GPT-4 to automate conversational workflows, persisting context in PostgreSQL

Real-Time Collaborative Whiteboard | *Next.js, Turborepo, WebSockets, pnpm*

- Architected a Turborepo monorepo (Next.js frontend, HTTP backend, WebSocket backend) to sync freehand drawing across concurrent users in real time

Shell++ | *C++, POSIX System Calls*

- Built a Unix-style shell from scratch in C++, implementing command parsing, I/O redirection, and process management with fork/exec/wait

TECHNICAL SKILLS

Languages: C++, JavaScript/TypeScript, Python, Go, Rust

Frameworks & Libraries: Next.js, React, Node.js, Express, LangChain

Infrastructure: Docker, Kubernetes, AWS, Linux, Git, Prometheus, Grafana

Databases: PostgreSQL, pgvector, FAISS, Qdrant

ACHIEVEMENTS

Competitive programmer on Codeforces – daily practice in graph theory, dynamic programming, and greedy algorithms; current rating 1200