

Sachin Chaurasiya

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OBJECTIVE

Computer Science student specializing in full-stack development with strong experience in building scalable systems, realtime applications. Focused on engineering impactful products with clean architecture and performance-oriented design.

INTERNSHIP EXPERIENCE

Vizuara AI

Jan 2026 – Ongoing 2026

Full Stack & GenAI Intern, Pune, India

- Developed a no-code, drag-and-drop ML pipeline builder and optimized backend services for low-latency.
- Built a RAG system using embedding-based semantic search + vector indexing to enable accurate, context-aware Q&A over learning content.
- Fine-tuned open-source LLMs on domain datasets to improve answer quality and personalization.

Aaradhy Tech

June 2024 – Aug 2024

Full Stack Intern, Mumbai, India

- Improved platform performance by 35% by refactoring backend services, shifting inter-service communication to gRPC, and restructuring MongoDB queries with proper indexing.
- Optimized event creation, team formation, and submission pipelines using Express restructuring, resulting in nearly 30% faster user interactions.

PROJECTS

CourseFlow (*React.js, Node.js, Type Script, MongoDB, WebRTC, SFU Architecture*)

[GitHub](#)

- Built a scalable course-selling platform supporting students, instructors, and admins with complete authentication, payments, and content delivery.
- Implemented **SFU** for real-time interactive teaching assistant sessions, enabling multi-peer low-latency classrooms.

InternHack (*Next.js, PostgreSQL, Node.js, Type Script, Shadcn, Prisma*)

[GitHub](#)

- Developed a full-stack platform where users can discover and apply for jobs and hackathons, while recruiters and organizers can host events and publish openings.
- Built a cron-driven background processing system to periodically ingest and update job and hackathon listings from external sources, orchestrating automated application workflows and data consistency across the platform
- Added a peer-to-peer interview architecture enabling real-time technical interviews between recruiters and candidates.

MediTrack (*FastAPI, SQL, Redis, React.js*)

[GitHub](#)

- Engineered a healthcare platform for clinics to manage appointments, EMR, and billing.
- Designed a secure multi-tenant backend, audit logging, and real-time telemedicine.

EDUCATION

B.Tech in Computer Science Engineering

2022 – 2026

University of Mumbai, Mumbai

CORE SKILLS

Languages: JavaScript, TypeScript, Python

Backend: Node.js, Express, Prisma, Zod, WebSockets, WebRTC, Redis, Kafka, FastAPI, PubSubs, Celery

Frontend: React.js, Next.js, Tailwind CSS, Shadcn, Context API, TanStack, Zustand

DevOps + Database + Tools: Docker, AWS, CI/CD, Kubernetes, MongoDB, PostgreSQL, Git/Github

ACHIEVEMENTS & LEADERSHIP

- Winner Vision Project Exhibition (2023–2025) in Python and MERN. and Freelancer delivered 20+ projects.
- Served as Technical Secretary; Hackathon Club Lead; Head, Training & Placement Cell at Vishwaniketan iMEET.
- Lead Organiser — “Hack to Crack 1.0 and 2.0” and Mentor Smart India Hackathon and Code Autometa.