

SAURAV KALE

Pune, Maharashtra

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Summary

Full-stack engineer (Next.js, NestJS, TypeScript) with production internship experience shipping features end-to-end. Built multi-tenant SaaS platforms and event-driven job pipelines, alongside client website, CRM, and CMS development. Comfortable owning backend architecture, REST APIs, and frontend delivery in fast-moving, small-team environments.

Experience

Mindtrot Technologies Pvt. Ltd.

Dec 2025 – July 2026

Engineering Intern

Remote

- Built the WhatsApp integration inside the CRM end-to-end, covering live chat, contacts, and real-time message receiving via SSE with async API integration, from backend services through the frontend UI.
- Optimized high-traffic Next.js pages via code-splitting, React.memo, and image lazy-loading, improving load performance and Lighthouse scores.
- Resolved production bugs across React state and component rendering, improving frontend stability over successive releases.

Guru Branding Services

Aug 2024 – Aug 2025

Full Stack Developer Intern

Pune, Maharashtra

- Built and maintained websites and landing pages for multiple client brands, from UI implementation through backend integration.
- Built REST endpoints and a JWT auth system (access/refresh token rotation, RBAC) serving multiple production client applications.

Projects

Compass – Real Estate SaaS CRM | Next.js, NestJS, TypeScript, PostgreSQL, BullMQ, Docker, Azure

GitHub

- Built to address the lack of affordable, multi-tenant CRM tooling for mid-size real estate agencies, supporting isolated tenant data, lead scoring, and role-based dashboards.
- Designed a NestJS + PostgreSQL backend with Redis + BullMQ queues handling lead-assignment and notification jobs asynchronously, deployed on Azure via Docker with GitHub Actions CI/CD.

Formiq – Event-Driven Form Processing Platform | Next.js, TypeScript, MongoDB, Redis, BullMQ

GitHub

- Built to enable reliable, horizontally scalable form ingestion without third-party dependencies, architected to hold up under heavy submission load.
- Implemented an async pipeline using Redis + BullMQ workers with exponential-backoff retries and a dead-letter queue, using stateless workers and structured logging for reliable delivery.

Technical Skills

Languages: JavaScript, TypeScript, Python, SQL

Frontend: Next.js, React, TailwindCSS, HTML/CSS

Backend & Systems: Node.js, Express.js, NestJS, REST APIs, JWT Auth, Background Jobs (Redis, BullMQ)

Databases & Caching: PostgreSQL, MongoDB, Redis

DevOps & Tools: Docker, Nginx, Traefik, Git, GitHub Actions (CI/CD), Azure, Postman, Swagger

Achievements

Core Team, CodeMent – led technical workshops and organized a national-level hackathon (400+ participants), owning registrations, infrastructure, and judging.

Open Source Contributor, Valibot – merged [PR #1457](#) adding new case-transformer utilities to the library.

Product Owner, myoffease.com (Client Project) – designed, built, and deployed a co-working space aggregator end-to-end (customer platform, admin portal, CRM), owning the full product beyond a typical project.

AI Chatbot Integration, Fitness CRM (Client Project) – built and shipped an MCP-powered AI chatbot into a live client CRM, letting trainers query client data conversationally, while owning data isolation and security.

Education

Nutan College of Engineering and Research

Aug 2023 – Expected May 2027

B.Tech in Computer Science Engineering (Artificial Intelligence)

Pune, Maharashtra