

SAURABH DATTA GAIKWAD

Full-Stack & AI Engineer

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PROFESSIONAL SUMMARY

Full-Stack & AI Engineer with 5+ years of experience designing, building, and shipping scalable web, mobile, and AI-powered products end to end. Deep expertise across the modern stack — React, React Native, Node.js, Laravel, and PostgreSQL — combined with production experience integrating LLMs, embeddings, vector search, and RAG pipelines. Delivered 20+ projects spanning enterprise systems, real-time applications, and AI products, consistently translating complex requirements into reliable, high-performance solutions. Comfortable owning features from architecture through deployment and collaborating across cross-functional teams.

EXPERIENCE

Software Engineer — Full-Stack & AI

Sept 2021 – Present

Biz Secure Labs Pvt. Ltd., Pune

- Grew from backend-focused Laravel development into end-to-end full-stack engineering, owning features from architecture through production deployment using React, Node.js, and PostgreSQL.
- Built AI-driven capabilities with the OpenAI API, retrieval-augmented generation (RAG), and vector search to power semantic retrieval and intelligent user experiences.
- Designed REST APIs and Redis caching layers that reduced data-retrieval time by ~20% and latency by ~30%, and delivered real-time features via WebSockets that improved feedback response times by ~50%.
- Collaborated with cross-functional teams (including C++ developers) to ship production systems, reducing development time by ~25%.

SKILLS

JavaScript / TypeScript	5 Years	React / React Native	3+ Years
PHP / Laravel v8+	5 Years	Node.js / Express	3+ Years
MySQL	5 Years	PostgreSQL / Supabase	3+ Years
REST APIs	5 Years	Tailwind / Bootstrap	3+ Years
Redis Cache	5 Years	LLMs (OpenAI, Claude, Gemini)	1+ Years
WebSockets / Socket.io	5 Years	Vector Search / pgvector / RAG	1+ Years
HTML5 / CSS3	5 Years	Docker / AWS / Nginx / Git	3+ Years

PROJECTS

Talksy AI Companion — [AI / Mobile App](#)

- AI-powered companion app delivering intelligent, multilingual conversations and real-time chat experiences powered by modern LLM technology, with guided onboarding flows.
- Engineered semantic, context-aware responses using vector search over an OpenAI-backed pipeline.

Tools & Features: React Native, Node.js, Supabase, OpenAI, PostgreSQL, Vector Search

Secure Access Gateway — [Cyber Security](#)

- Zero Trust Network Access (ZTNA) solution enabling secure remote access with identity verification and device-trust validation.
- Implemented role-based permissions (RBAC) and JWT authentication for fine-grained access control, with centralized security management.

Tools & Features: Node.js, React, PostgreSQL, JWT, RBAC, Zero Trust Architecture

WorkforceIQ — [Enterprise / Remote Workforce](#)

- Remote employee management system that improved operational efficiency by ~30%, featuring full remote control and real-time monitoring that reduced downtime by ~20%.
- Used REST APIs and Redis caching for seamless, low-latency communication across the platform.

Tools & Features: Laravel, WebSockets, REST APIs, Redis, MySQL

TeamPulse — [Enterprise Real-Time Messaging](#)

- Enterprise-grade chat platform with group and single chat, single sign-on (SSO) that cut login times by ~30%, and Redis caching that reduced load times by ~20%.
- Integrated Pusher WebSockets and desktop notifications for instant, real-time updates.

Tools & Features: Laravel, Pusher WebSockets, SSO, Redis, MySQL

EDUCATION

Bachelor of Computer Applications (BCA)

June 2018 – Apr 2021

Savitribai Phule Pune University