

Harshal Sawatkar

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PROFESSIONAL SUMMARY

Full-Stack Developer with 2+ years of experience building production-grade AI-integrated web application, owning system design, backend architecture, and deployment workflows end-to-end. Experienced in designing scalable RESTful APIs, real-time systems, and multi-tenant architectures using React, Go/Node.js, and PostgreSQL.

EDUCATION

Priyadarshini Bhagwati College of Engineering

Bachelor of Technology in Computer Science

Sep 2020 – Jul 2024

Nagpur, India

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, Go, Python

Frontend: React.js, Next.js (SSR/SSG), React Native (Expo), Vue.js

Backend & Architecture: Node.js, Express.js, Go (Golang), RESTful APIs, Microservices, WebSockets, JWT

Databases & Data Systems: PostgreSQL, MySQL, Redis (Caching), FAISS (Vector Search)

DevOps & Cloud: Docker, AWS, Linux, CI/CD Pipelines (GitHub Actions, Drone CI)

Testing & Quality: Unit Testing, Integration Testing, E2E Testing, Jasmine, Karma, Jest, API Testing (Postman)

AI & ML: LangChain, LangGraph, RAG, FAISS, LLMs, Prompt Engineering, PyTorch (basic), GenAI

PROFESSIONAL EXPERIENCE

Full-Stack Developer

Jan 2026 – Mar 2026

Zizbey Consultancy Private Limited

India

- Led development of two mobile applications using React Native with a Go backend and PostgreSQL. Implemented WebSocket-based real-time streaming, designed a microservices architecture for third-party integrations and authentication APIs, and built centralized API logging for audit and monitoring. Conducted periodic client review sessions to gather stakeholder feedback and drive improvements.
- Designed and implemented a microservices architecture for third-party integrations, authentication APIs (JWT), and centralized request logging for audit and observability.
- Owning end-to-end development of a scalable B2B ERP system, replacing a legacy platform with multi-tenant REST APIs and secure multi-context authorization. Ensured backend reliability through structured API testing, edge-case validation, and transactional consistency checks.

Full-Stack Developer (Back Office Systems)

Aug 2024 – Dec 2025

Reborn Skin & Hair Clinics Pvt. Ltd.

Pune, India

- Owned and scaled internal CRM and lead management systems used across 8 clinic branches by 50+ staff, processing 10,000+ leads monthly
- Designed and built SEO-optimized websites and high-conversion landing pages using Next.js, including UI/UX, backend architecture, and performance-focused rendering strategies (SSR/SSG)
- Implemented real-time lead visibility pipelines using Redis for caching, sessions, and live updates, reducing lead-to-dashboard latency from 2–3 minutes to near real-time
- Integrated and maintained third-party services including Meta Ads, WhatsApp APIs, and Google Sheets using webhooks, retries, python and error-handling mechanisms

Web Development Intern

Jan 2024 – Jun 2024

ARLYN

Remote

- Conducted thorough integration testing for third-party APIs including Stripe payment gateway, validating functional correctness and error handling scenarios. Performed comprehensive performance testing and optimization, achieving 50% reduction in load time through performance profiling, lazy loading, and data structure optimizations.

PROJECTS

AI Mascot - AI-Driven Digital Marketing Assistant PlatformGitHub

- Built end-to-end AI assistant platform using LangChain/LangGraph for LLM orchestration, prompt routing, and multi-model pipelines
- Implemented RAG using FAISS for vector indexing and semantic search
- Used Python for AI pipeline logic, embeddings, and LLM integration