

SOHAM LONKAR

Full Stack Developer • AI & Tech Enthusiast • VIT Pune 2028

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PROFILE

Full Stack Developer and founder building scalable, AI-augmented web applications that deliver real business value for clients. Blends strong engineering in modern full-stack and LLM-driven systems with a marketing mindset built through leading brand-partnership and outreach campaigns. A confident communicator who bridges technical teams and business stakeholders, and a fast, curious learner always adopting new tools and AI capabilities to stay ahead.

SKILLS

AI, LLMs & Automation: Large Language Models (LLMs) • Retrieval-Augmented Generation (RAG) • Prompt Engineering • LLM API Integration (OpenAI, Anthropic) • AI Workflow Automation • Generative AI Application Development

Database & Data: PostgreSQL • MySQL • MongoDB • Prisma ORM • Database Design • SQL

Real-Time Systems: WebSockets • Socket.io • JWT Authentication • OAuth 2.0

DevOps & Infrastructure: GitHub Actions • Cloudflare (DNS, CDN, Security) • CI/CD • Environment & Production Configuration

Backend Development: Node.js • Express.js • REST API Development • Authentication (JWT, OAuth, RBAC)

Frontend Development: Next.js (App Router, SSR, ISR) • React.js (Hooks, Context API) • Tailwind CSS • ShadCN UI • TypeScript • HTML/CSS • JavaScript • SEO Optimization

WORK EXPERIENCE

Founder

2026 – Present

SoLo Developers company.sohamlonkar.com

- Built Solo, a billing and point-of-sale application for cafes and hotels, streamlining daily order and payment workflows — now deployed and actively used across 15+ cafes and hotels.
- Developed a custom ordering and order-management system for Ripples Lakeside Resort, Katraj, enabling digital in-resort food and service ordering — currently in trial phase with resort staff.
- Designed and launched an NFC-based digital memory tag product, driving sales of 100+ units within the first month across college events and public spaces.

Full Stack Web Developer

Jan 2025 – Present

Freelancer | Pune, India

- Designed and deployed scalable full-stack applications using Next.js, React, Node.js, and PostgreSQL, improving application performance and responsiveness.
- Built a complete SEO-optimized website for Rootcure Dental Clinic (dishasrootcure.com) that drew over 15,000 page views in its first month.
- Developed REST APIs and integrated Supabase with Prisma ORM for efficient database management, reducing query execution time by 35%.

Database Coordinator

2025 – 2026

CSI Club, Vishwakarma Institute of Technology (VIT), Pune

- Managed structured databases for club events and operations, ensuring data accuracy for 200+ members.
- Led and supervised a team of 5 volunteers, coordinating event logistics and task delegation.
- Built and deployed an internal web tool to digitize member registration and event tracking, cutting manual data-entry time for the club by over 50%.

Sponsorship Head

2024 – 2025

VIT Pune Event Organisation

- Directed the end-to-end sponsorship outreach strategy for VIT Pune Event Organisation, building and managing partnership pipelines with 10+ brands across industries to fund large-scale college events.
- Successfully pitched and secured a flagship sponsorship deal with Royal Enfield for a major VIT event in 2025, strengthening the college's brand partnerships and event credibility.
- Negotiated and closed sponsorship deals with budgets exceeding Rs. 1 Lakh for major college events, ensuring adequate funding for logistics, promotions, and on-ground execution.

PROJECTS

Rootcure Clinic — Full-Stack Website & Appointment System dishasrootcure.com

- Developed and deployed an SEO-optimized full-stack website and appointment management system using Next.js, Node.js, and PostgreSQL — enabling efficient patient booking and increasing online visibility by 60%.

Taskora — AI Task Management Platform taskora-solo.com

- Built AI-powered task automation platform using OpenAI API with Next.js, Node.js, PostgreSQL, and Prisma. Integrated LLM-based task suggestions and automation workflows.

Solo — Billing & POS App for Cafes and Hotels

- Built a mobile billing and point-of-sale app with a full-stack web backend for cafes and hotels, streamlining order taking, billing, and payments — currently deployed and in daily use across 15+ venues.

Ripples Resort — AI-Integrated Restaurant Ordering & Kitchen Management App

- Built an ordering and kitchen management app that routes table orders to the manager, kitchen, and bar, with an AI assistant that recommends menu items to diners — in test phase at Ripples Resort, Katraj.

LaserSafe — IoT-based Laser Breach Detection System (*Best Paper Award — IEEE CCGE-2026*)

- Detects intrusion when someone crosses an invisible laser tripwire using LDR threshold monitoring and instantly alerts the user via Telegram messages, calls, and automated gate locking.

NFC Memory Tag — Contactless Digital Memory Card

- Designed and launched an NFC-based digital memory tag product enabling instant contactless sharing of photos, videos, and messages — sold 100+ units within the first month across college events and public spaces.

EDUCATION

Vishwakarma Institute of Technology (VIT), Pune

B.Tech in Information Technology | Expected Graduation: 2028 | CGPA: 8.39

SJV, Pune

HSC (12th Standard) | Percentage: 81%

St. Sebastian High School, Pune

SSC (10th Standard) | Percentage: 87%

PUBLICATIONS

- Co-authored "IoT-Enabled Smart Home Security System Using ESP32 and ESP32-CAM with Real-Time Visual Monitoring via Web Dashboard and Automated Locking Mechanism," published in the 2nd IEEE International Conference on Computing, Communication and Green Engineering, 2026. [IEEE Xplore](#)
- Co-authored "IoT-Enabled Vehicle Accident Detection System Using ESP32 with GPS Tracking and Dual-Channel Emergency Alerts via GSM-SMS and Telegram Bot," published in the Proceedings of the 1st Engineering Data Analytics and Management Conference (EAMCON), Nov 2025. [Springer Nature \(Atlantis Press\)](#)

CERTIFICATIONS & ACHIEVEMENTS

Certifications:

- Generative AI with Diffusion Models — NVIDIA [View Certificate](#)
- Applications of AI for Anomaly Detection — NVIDIA [View Certificate](#)
- Transformer-Based NLP Applications — NVIDIA [View Certificate](#)

Achievements:

- Best Paper Award — 2nd IEEE International Conference (CCGE-2026), organized by RSCOE and the IEEE Pune Section
- 7 Active Client Websites Deployed & Maintained
- Launched an e-commerce store for a self-made hardware product
- Built a mobile billing application solving billing operations for 15+ businesses
- 2 Research Papers Published
- 1 Ongoing Patent — Hardware Product

INTERESTS

Artificial Intelligence • System Design • Generative AI Applications • AI Solutions for Business • Open Source Projects • AI-Augmented SaaS Development