Nabil Salim Thange

Full-Stack Developer · AI Systems Engineer · UI/UX Designer
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Education

Saraswati College of Engineering — Navi Mumbai, India
Bachelor of Technology (B.Tech), Computer Engineering – 3rd Year | CGPA: 9.3/10 (1st Year) — *Aug. 2023 – Present*

Presentation Convent School — Mumbai, India
ISC Board – Higher Secondary Certificate — *Completed 2023*

Experience

Frontend AI Engineering Intern — Feb. 2026 – Present
FlyRank AI — *Remote*

- Build AI-powered frontend features with Next.js, React and TypeScript for production AI products, with a focus on performance and micro-interactions
- Integrate LLM APIs into user-facing workflows, shipping interface components quickly alongside the engineering team

Forward Deployed Engineer (FDE) – Freelance, Part-Time — 2026 – Present
AMT Enterprise — *On-Site*

- Work on-site with an enterprise client, translating live operational requirements into deployed software
- Delivered an automated inventory and operations dashboard for the client's retail operations

Freelance Full-Stack Developer — 2024 – Present
Multiple Clients (India, UAE, US) — *Remote*

- Delivered production platforms and software for startups, retail and trade clients, handling Figma design through to deployment
- **RafRaf International (UAE):** built a B2B import/export platform in Next.js with SEO/AEO/GEO, structured so AI engines (ChatGPT, Claude, Perplexity) can cite the client
- Built a self-hosted **n8n** lead-triage automation (WhatsApp Cloud API + email, Groq intent scoring, CRM updates) with zero cloud fees
- Built operations software: a maritime freight and port management platform (vessel scheduling, dock workforce, payroll) and an LLM-driven PayPal invoice reconciliation agent

Cybersecurity Virtual Internship — June 2026
Deloitte Australia — *Virtual*

- Analysed web activity logs to investigate a client's cyber security breach and trace suspicious user activity

Data Analytics Virtual Internship — June 2026
Tata Group – Tata iQ — *Virtual*

- Ran GenAI-assisted exploratory data analysis for the Financial Services team to assess data quality and identify risk indicators
- Proposed a no-code delinquency-risk prediction model and an AI-driven, agentic collections strategy built on ethical AI and regulatory compliance

Projects

Sentient – B2B APK/URL Vulnerability Scanner | *Python, FastAPI, Docker, PostgreSQL, MobSF, JADX* 2026

- Built a **B2B cybersecurity platform for banks**: decompiles APKs through an automated multi-tool pipeline and indexes the code as an **AST knowledge graph** (the technique behind Claude Code and Codex) to get past LLM context limits
- GenAI explains what is malicious and why, then auto-generates **RBI-guideline-compliant PDF reports** banks can submit directly to the regulator
- **2x hackathon winner**; Special Valor Award and fully-sponsored visit to **Microsoft's Hyderabad office**

ARIA – Autonomous Computer Use Agent | *Python, Docker, Redis, Multi-Agent Systems, VNC* 2025 – 2026

- **8 specialised agents** controlling a live VNC desktop, synced through Redis-backed shared memory; fully Dockerised
- Demonstrated a small, cost-efficient model autonomously designing a 3D rocket in desktop CAD software; ˜20% accuracy improvement over open-source competitors
- **HackHazards '26 winner** (1st place)

Ohm – AI Agent for Hardware & IoT Engineering | *Python, Computer Use, KiCAD, Blender API* 2026

- "Claude Code for hardware": turns a conversation into an MVP PRD/SRS, sources real IoT components (microcontrollers, sensors) with pin and price compatibility checks, and auto-wires KiCAD schematics with simulation
- Drives Blender/CAD to generate custom 3D bodies and snap-fit enclosures, taking an idea from prompt to manufacturable design

Bol – No-Code Voice Agent Builder | *Next.js, FastAPI, WebSockets, Groq, Cartesia* 2026

- Builds a production-ready browser or phone voice agent from a 1–2 minute conversation; sub-second latency with multi-language support on Gnani.ai speech models

AwesomeLM – Visual Prompt Blueprint Platform | *Next.js, React, TypeScript, Upstash Redis* 2024 – 2026

- Curated visual prompt blueprints that make NotebookLM, ChatGPT and Claude turn raw notes into executive-ready decks, plus a Manifest V3 Chrome extension that injects the library into each tool's sidebar
- Grew organically to **6,000+ users** with zero paid marketing; SEO/GEO structured data for search and AI-engine discovery

Agentic Inbox – Autonomous Email Triage | *TypeScript, Next.js, LangChain, IMAP/SMTP* 2025 – 2026

- Self-hostable AI email client for Gmail and custom domains: autonomous categorisation, draft replies, calendar scheduling and semantic search, with no vendor lock-in

GITSKINZ – GitHub README Profile Generator | *Next.js, React, Netlify* 2024

- 70+ customisable README templates with live preview and one-click copy; **2,000+ monthly active users** with zero paid marketing

Technical Skills

Languages: Python, JavaScript, TypeScript, Java, C, SQL, HTML/CSS
Frontend: Next.js, React, Tailwind CSS, Framer Motion, GSAP, Three.js, React Three Fiber, Figma
Backend & Data: Node.js, FastAPI, PostgreSQL, Supabase, Redis, MongoDB, REST APIs, Pinecone, Chroma
AI & Agents: Multi-Agent Systems, LLM Orchestration (LangChain, LangGraph), RAG, MCP, Claude Code, Gemini, Groq, Voice AI, Computer Vision, TensorFlow, PyTorch, Pandas, NumPy
Security: APK/URL Vulnerability Scanning, Static Analysis, AST-Based Code Indexing, Reverse Engineering, MobSF, JADX, Androguard
Automation & IoT: n8n, WhatsApp Cloud API, KiCAD, Blender API, IoT Systems (coursework and projects)
Developer Tools: Git, Docker, Google Cloud Platform (GCP), Vercel, Netlify, VS Code
Other: SEO/AEO/GEO Optimisation, UI/UX Design, Full-Stack Web Development

Achievements & Leadership

Hackathon Wins: 6x hackathon winner, Rs. 60,000+ in prize money; includes HackHazards '26, Nexus Galaxium v1 (Grand Champion), TechTashan Agentic AI Track (1st Prize), Raise Your Hack and Trae AI IDE (lablab.ai)
Special Valor Award: fully-sponsored visit to Microsoft's Hyderabad office for Sentient
Finalist & Participant: National finalist at IIT Bhubaneswar and IIT Goa hackathons; participant at IIT Bombay Techfest and the ISRO Bharat Antariksh Hackathon
Product Traction: AwesomeLM 6,000+ users; GITSKINZ 2,000+ MAU; 53+ public GitHub repositories
Certifications: Microsoft SQL Server, ISRO Machine Learning, Google Gemini API, NxtWave Generative AI Workshop, Tata GenAI Data Analytics, Deloitte Cyber
Writing: 50+ technical articles on AI agent architecture, cybersecurity and SEO/AEO/GEO at nabil-thange.vercel.app
Leadership: Campus Ambassador (CampusCrew); active member of the TCU and NAMESPACE developer communities
Academic: 9.3 CGPA in 1st year of B.Tech at Saraswati College of Engineering