Ayush Malviya

Full-Stack & AI Engineer | B.Tech Electrical Engineering, SGSITS Indore (2027)
+91 74705 78178 · ayushmalviya1806@gmail.com · ayushmalviya.site
linkedin.com/in/ayushmalviya1806 · github.com/ayushmalviya1806

SUMMARY

Full-stack engineer who ships to real users. Built and ran RemindMe India, a WhatsApp AI SaaS, solo to 450+ users and paying business customers, and built a real-time multiplayer game backed by 431 tests. Open to SDE, full-stack and applied-AI internships and 2027 full-time roles.

EXPERIENCE

RemindMe India | Founder & Full-Stack Engineer (solo) | Dec 2025 – Aug 2026
WhatsApp AI reminder SaaS for people and small businesses | remindmeindia.site | paused for placement season

- Grew a WhatsApp reminder service to **450+ users** and **1,500+ reminders** at a **98% delivery rate** with zero ad spend, by parsing Hindi, Hinglish and voice notes with GPT-4o-mini and Whisper.
- Won paying B2C subscribers and B2B clients (gyms, clinics, coaching centres) on ₹999–2,999/month plans, reaching **₹1,386 MRR**, by building WhatsApp owner commands and automated 7/3/1-day membership-renewal reminders.
- Designed the backend end to end: Meta WhatsApp Cloud API webhooks, BullMQ and Redis job scheduling, PostgreSQL (Supabase) with Prisma, and Razorpay billing with automatic plan activation, deployed on Render and Vercel.
- Fixed failures that only appear in production: IST/UTC resolution of relative dates ("kal" sent at 11:30 PM), duplicate webhook deliveries, and recovery of reminders missed during downtime.

PROJECTS

Auction Night | Real-time multiplayer football auction | auction-night.vercel.app | 2026
Next.js, TypeScript, Supabase Realtime, PostgreSQL, PL/pgSQL, pg_cron, Python

- Built a live auction where 2–10 players bid from their own phones, synced in **under a second**; all game logic is server-authoritative through 11 Postgres RPC functions with row-level security on every table.
- Made simultaneous bids race-safe with an atomic place_bid (row lock plus budget and squad-slot checks) and a database-owned timer swept by pg_cron; a dropped phone recovers its state within 3 seconds.
- Wrote **431 tests** across four layers (165 pgTAP, 173 Vitest, 13 Playwright end-to-end simulating 5 phones bidding at once, 80 pytest) and a Python pipeline that built a 678-player pool.

TITAN | Hindi/Hinglish voice assistant for Windows | ayushmalviya.site/work/titan | 2026
React, Node.js, Express, Whisper, Llama 3.3 70B, Groq, Gemini, Google Cloud TTS

- Built an always-on assistant with voice activity detection, a fuzzy-matched wake word (Levenshtein), barge-in, and turn detection that waits out half-finished Hinglish sentences.
- Turned speech into real PC actions through LLM function calling (apps, web and file search, volume, screenshots, lock), with a three-provider fallback (NVIDIA, Groq, Gemini) that switches on failure.

Also built: YouTube metadata generator (Claude API); long-form to Shorts clipper with automatic captions; house-price regression model (scikit-learn); ultrasonic speed-control system (microcontroller).

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL, C
Backend & Data: Node.js, Express, REST APIs, PostgreSQL, PL/pgSQL, Supabase, Prisma, Redis, BullMQ
Frontend: React, Next.js, Vite, Tailwind CSS, HTML, CSS
AI / ML: LLM function calling, OpenAI API, Claude API, Whisper, Groq, Gemini, Pandas, NumPy, scikit-learn
Testing & Tools: Vitest, Playwright, pgTAP, pytest, Git, Docker, Vercel, Render, Claude Code, Cursor

EDUCATION

Shri Govindram Seksaria Institute of Technology and Science (SGSITS), Indore | 2023 – 2027
B.Tech, Electrical Engineering | Coursework: Data Structures & Algorithms, DBMS, OOP, Machine Learning

CERTIFICATIONS

Complete A.I. & Machine Learning, Data Science Bootcamp (Udemy, 44 hrs, 2025); MATLAB Onramp (MathWorks, 2026); Python Bootcamp, Web Development and Job Ready Data Science (CodeWithHarry, 2026)

ACHIEVEMENTS & LEADERSHIP

$1,000 AWS startup credits for RemindMe India; MSME (Udyam) registered business; Y Combinator Startup School; Technical Administrator, Pawn2Queen Chess Club, SGSITS (2025 – present); Chess.com rating ~1700