

Varun Dasharadhi

AI Engineer & Developer

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SUMMARY

AI engineer and software developer who builds products that ship. Based in the UK since 2021. Several years of professional software engineering across C#, .NET, SQL and cloud, now focused on AI: designing and building automation, multimodal apps, and AI tools that solve real problems. Comfortable end to end, from idea to a deployed product people use.

CORE SKILLS

- **LLM engineering:** Anthropic Claude API, OpenAI API, Gemini, Groq, Hume EVI; intent classification, structured outputs, prompt design, cost-aware model routing
- **Agents & automation:** multi-stage agent pipelines in production (scrape, dedupe, score, research); Playwright browser automation against legacy web apps; Trigger.dev v4 background tasks; Telegram Bot API
- **AI-assisted engineering:** Claude Code as a daily workflow; custom subagents, skills, and MCP integrations built for real pipelines
- **Languages:** TypeScript, Python, C#, SQL
- **Backend & infra:** Vercel serverless, Upstash Redis (conversation state, AES-256-GCM encrypted per-user credentials), Google Cloud / Firestore, Azure, Render
- **Data pipelines:** Google Places API, Firecrawl scraping, cross-source dedup and scoring, diffing government CSV feeds into a live dashboard
- **Quality & delivery:** end-to-end acceptance testing with Playwright (18 e2e + 5 soak specs on Load Lens), production deploys on every project

SELECTED PROJECTS

Load Lens (production)

Telegram bot that automates load searching and quoting on Courier Exchange: polls for matches, reads intent with an LLM, and submits quotes from chat. TypeScript, Trigger.dev, Playwright, Redis, Gemini, Claude.

Empathiq Studio (live)

Multimodal app that reads facial expression and voice tone and responds with empathy across nine AI coaching modes. Built solo in 24 hours for the Replit 10 Year Buildathon; earned community recognition on launch. React, Express, Claude, Hume EVI, face-api.js.

UK Immigration Compass (active)

Full UK immigration dashboard tracking sponsor register changes, policy updates, petitions, and a searchable sponsor directory; transforms raw Home Office CSV exports into a live, diffed intelligence feed. React, TypeScript, Gemini Flash, Firestore, GCP.

Resume Matcher AI

Scores a CV against a job description, breaks down skill gaps, and drafts a tailored cover letter; works with or without an AI key. Python, Flask, PyMuPDF.

OPEN-SOURCE CONTRIBUTIONS

MCP4Acumatica (merged, July 2026)

Contributed the first write tools to the open-source MCP server for Acumatica ERP: a create-or-update Customer tool plus a registry-driven write-tool infrastructure, safety-gated with admin opt-in, two-phase dry-run confirmation, full audit logging, and a curated field allowlist. Test suite grew from 51 to 64. github.com/hallboys/MCP4Acumatica/pull/2

gmail-mcp (author)

Read-only multi-account Gmail MCP server for Claude Code: thread search, message retrieval, label and account listing. github.com/VarunDasharadhi/gmail-mcp

PROFESSIONAL EXPERIENCE

Independent AI Engineer & Consultant	UK · 2025 to Present
Design, build and ship AI products end to end on modern cloud platforms. Currently running: Load Lens (production Telegram bot automating load search and quoting for courier drivers, live waitlist at loadlens.co.uk), UK Immigration Compass, Empathiq Studio. Freelance digital consulting for UK small businesses and charities, with active client engagements covering web, automation and digital marketing.	
.NET / MVC Developer, System Soft Technologies	India · 2020 to 2021
Built and maintained application modules in C#, ASP.NET MVC and SQL Server.	
Acumatica / C# Developer, Kensium Solutions	India · 2019 to 2020
Customised ERP modules and built DACs, graphs and custom reports in C#.NET; worked with business leads to turn requirements into shipped solutions.	
Software Development Intern, Satya Technologies	India · 2019
Built modules in C#.NET and SQL Server; UI work with Angular and TypeScript.	

EDUCATION

B.Tech, Gurunanak Institutions Technical Campus (JNTU-affiliated), Hyderabad, India · 2013 to 2017

CERTIFICATIONS & LANGUAGES

Claude 101, Anthropic (May 2026)
English (fluent) · Hindi (fluent) · Telugu (native)