Bhargav Dwadasi

AI & automation engineer · *agents, RAG and MCP*

London, UK · bhargav.dwadasi@gmail.com
bhargavdwadasi.com
linkedin.com/in/dwadasibhargav
github.com/bhargavdwadasi

I build AI agents, RAG assistants and automation inside Lloyds Banking Group, working with the teams who use them from discovery to rollout. My research assistant, InsightAI, is live with 200+ colleagues, and my automations have turned 20-day jobs into 10-minute ones. After hours I design, build and ship my own products, including an MCP server with 20+ tools that runs inside Claude and ChatGPT.

EXPERIENCE

Lloyds Banking Group · London · Sep 2022 – present

Data Science Assistant Manager · AI & Automation — Aug 2025 – present

- Built and deployed **InsightAI**, a RAG research assistant grounded in the company's own data with hybrid search, re-ranking, query rewriting and source citations. **Live with 200+ users.**
- Automated the design and creation of **650 constituency packs** shared with MPs across the UK, cutting turnaround from **20 days to under 10 minutes**.
- Automated board-metric charge sheets, cutting turnaround from **15 days to 30 minutes**.
- Design **multi-agent systems**: PulseAI (beta), whose sub-agents scan market news and turn it into insight grounded in company strategy; Cancara (pilot), a multi-agent audit system; and Persona Lab (pilot), research-grounded AI personas that test campaigns before they reach customers.
- Build hallucination guardrails into retrieval and review: drafting and review run in sequence, and each citation is checked against the claim it supports.
- Embedded with business teams end to end: run discovery, scope the problem, demo to leadership, and onboard users after launch.
- Wrote reusable **Claude skills** for presentations, insight write-ups and motion graphics, run through the internal AI gateway. Built **ModellerAI**, a no-code tool that lets analysts prototype ML models in minutes instead of days.

Data Science Assistant Manager · Machine Learning & NLP — Jan 2024 – Aug 2025

- Built and deployed ETL pipelines that cut data preparation time by **95%**.
- Designed predictive and classification models for customer segmentation, reaching **80% accuracy**.
- Built an NLP app that reads customer comments with BERT embeddings, BERTopic and sentiment analysis to surface the pain points worth fixing first.

Assistant Manager · Business Intelligence & Visualisation — Sep 2023 – Jan 2024

- Automated extraction across sources into one consistent dataset and built a 360-degree leadership dashboard.

BI & Visualisation Analyst · Industrial placement — Sep 2022 – Sep 2023

- Built client-facing Power BI dashboards and real-time reporting with cross-functional teams. Named **Placement Student of the Quarter**.

PRODUCTS I'VE BUILT AND SHIPPED

The Credit Compass · thecreditcompass.in. An independent loan guide for borrowers in India: calculators, live bank rates and checks against RBI rules. Next.js, Supabase.

Credit Compass MCP server. 20+ tools that bring those calculators and loan-offer audits inside Claude and ChatGPT.

Budget Unlocked · budgetunlocked.thecreditcompass.in. India's Union Budget, explained in plain English.

SKILLS

AI engineering	LLM apps, RAG (hybrid search, re-ranking, query rewriting, citations), multi-agent systems, sub-agents, MCP servers, Claude skills, prompt engineering, guardrails
Data & ML	Python, SQL, machine learning, NLP (BERT, BERTopic, sentiment), statistics, ETL pipelines
Product & web	Next.js, React, TypeScript, Supabase, prototyping, UI/UX
Cloud & BI	Google Cloud (BigQuery, Vertex AI, Looker Studio), Power BI, Power Automate
Ways of working	Discovery and workflow walkthroughs, stakeholder demos, rollout and onboarding, storytelling

AWARDS & CERTIFICATIONS

Winner, Pensions Gap Hackathon, Google London

Generative AI Leader, Google Cloud · Nov 2025

Placement Student of the Quarter, Lloyds Banking Group

Silver medal, HackerRank Week of Code 36

EDUCATION

MSc Business Analytics, University of Surrey

BTech Computer Science & Engineering, K L University · 2017 – 2021 · GPA 9.41/10