

Namit Jain

namitjain0620@gmail.com • (+61) 473 130 920 • Melbourne, VIC (Open to Relocate) • **Full Australian Work Rights**
linkedin.com/in/namit-jain123 • github.com/namitjain123 • **Portfolio:** namitjain.dev

Summary

AI Engineer with ~2.5 years of experience across Australia and India, building and deploying production AI systems end to end. I've shipped an agentic RAG chatbot with multi-provider LLM failover and guardrails, an outbound AI voice agent that books real appointments during a live phone call, and an LLM analytics pipeline that checks whether its own output is actually correct rather than assuming it is. I work across the full stack in Python, FastAPI, React and Azure, and I use AI-assisted tools like Claude Code and GitHub Copilot every day to build faster.

Experience

Australian Catholic University	Sydney, Australia
<i>Research Support Officer</i>	Jun 2026 – Present
Continuing ownership of the platform built during the internship. Testing it end to end ahead of production deployment, validating data integrity across workflows, and resolving defects while coordinating with researchers on release readiness	
<i>Software Engineer Intern</i>	Mar 2026 – Jun 2026
- Owned a full-stack research platform end to end, from architecture through to deployment, using React and FastAPI on Azure - Designed the data layer, built RESTful APIs, and integrated Azure Blob Storage, Communication Services and REDCap into one production system	
DBST Solution	Melbourne, Australia
<i>AI Engineer Intern</i>	Aug 2025 – Feb 2026
Built a RAG chatbot for PDF Q&A using FastAPI, Gradio and Docker, enabling search across 100+ documents	
InnovAite	Melbourne, Australia
<i>Machine Learning Intern</i>	Mar 2025 – Jun 2025
Built an LLM evaluation pipeline benchmarking a model against a labeled gold dataset and delivered a data-driven recommendation on model suitability	
HabileLabs Pvt. Ltd.	Jaipur, Rajasthan
<i>Associate Software Engineer</i>	Aug 2023 – Nov 2024
- Improved system performance for 5,000+ users by optimizing SQL queries and backend data workflows - Managed production deployments and incident fixes on Linux servers, keeping releases stable	

Projects

ATO Chatbot	GitHub
<i>LangGraph, RAG, Azure OpenAI, Groq, Guardrails, Docker, Azure, CI/CD</i>	
- Built and deployed a production agentic RAG chatbot on LangGraph, running Azure OpenAI as the primary model with automatic failover to Groq - Layered guardrails before retrieval and published a RAGAS evaluation suite across 6 metrics, reporting the weakest metric honestly instead of hiding it - Deployed end to end on Azure with a GitHub Actions CI/CD pipeline and diagnosed a real deployment bug where image updates didn't reliably trigger a fresh release	
AI Voice Booking Agent	GitHub
<i>Vapi, Deepgram STT, FastAPI, Twilio, Resend, Tool Calling, Docker</i>	
- Built an outbound AI voice agent that conducts a live phone call and books a real appointment, firing a single server-resolved tool call so the model never handles transaction state directly - Resolved doctor matching, date normalization and slot selection entirely server-side, and integrated four third-party APIs behind isolated modules so one provider outage never breaks a booking - Layered 40+ regex-based safety guardrails on every AI response before it reached the patient	
Financial Insights Pipeline	GitHub
<i>LLM APIs, KMeans Clustering, DistilBERT, LoRA, Evaluation</i>	
- Built an LLM and clustering pipeline that turns unstructured complaint data into a labelled, analytics-ready dataset, then checked whether the clustering actually reflected real structure against held-out ground-truth labels - Fine-tuned both a classifier and a generative LLM with LoRA, comparing each honestly against zero-shot prompting rather than only publishing the result that looked good	

Skills

AI & Agentic Systems: LangChain, LangGraph, RAG Pipelines, MCP, LLM APIs, Guardrails
AI Developer Tooling: Claude Code, GitHub Copilot, Cursor
Languages & Frameworks: Python, JavaScript, SQL, FastAPI, React, REST APIs
Cloud & DevOps: Microsoft Azure, Google Cloud, Docker, CI/CD (GitHub Actions), PostgreSQL

Education

Master of Data Science	Oct. 2024 – June 2026
<i>Deakin University, Melbourne</i>	WAM: 78
Coursework: Machine Learning, Deep Learning, Mathematics for AI, Web Technologies and Development, Object Oriented Development, Database Fundamentals	
Bachelor of Engineering	2019 – 2023
<i>Malaviya National Institute of Technology (NIT) Jaipur, India</i>	CGPA: 7.2
Coursework: Data Structures & Algorithms, OOPs, Introduction to Programming, Database Management Systems	