

Bhaskar Bhardwaj

AI Engineer | GenAI, LLMs, RAG, Agentic AI

+91 9161571397 [◇ bbhardwaj.work@gmail.com](mailto:bbhardwaj.work@gmail.com) [◇ LinkedIn](#) [◇ Website](#)

PROFESSIONAL SUMMARY

AI Engineer with 3+ years of experience spanning software development, functional test engineering, and applied GenAI/LLM engineering. Currently building LLM-powered assistants, Retrieval-Augmented Generation (RAG) pipelines, and agentic workflows integrated with enterprise backend and billing systems at Amdocs. Seeking AI/ML Engineer roles to design and deploy LLM applications, RAG pipelines, and agentic systems end-to-end.

TECHNICAL SKILLS

LLMs & GenAI OpenAI API, Prompt Engineering, Function Calling, Structured Outputs, Agentic Workflows, Cursor

RAG & Vector Stores pgvector, Embeddings, ChromaDB, Semantic Search, Chunking Strategies

Languages and Frameworks Python (primary), FastAPI, SQL, Java, LangChain, LangGraph

Engineering Tools Git, Unix/Linux, CI/CD, REST APIs, GenAI-assisted SDLC/STLC

Domain Expertise Telecom BSS, CRM, Billing, Order Management, applied to enterprise AI use cases

PROFESSIONAL EXPERIENCE

Software Developer

Jan '24 — Jun '26

Amdocs

- Built Swift, a RAG-based GenAI assistant on enterprise billing system documentation, using LangGraph for multi-step query → retrieve → generate workflows, improving delivery efficiency by 30%.
- Implemented doc ingestion (chunk → embed → pgvector), semantic retrieval, and metadata-aware tools (date, location, recent docs) for grounded answers.
- Pinpointed and implemented necessary high-leverage AI use cases in the software development lifecycle enhancing functionality and performance.
- Keywords: New Business Development, LLMs, RAG, Scope Management

Functional Test Engineer

Sep '22 — Jan '24

Amdocs

- Built deep expertise in telecom Business Support Systems (BSS) and billing systems, later applied directly to designing AI features and grounding LLM retrieval over enterprise data.
- Introduced GenAI-assisted testing workflows, an early adoption of LLMs to accelerate test case generation and defect triage.
- Owned test strategy across 8+ major releases for VodafoneThree UK, a digital transformation program, including an on-site assignment in Reading, UK supporting flagship iPhone and Samsung launches, providing strong production-deployment experience.
- Keywords: Python, SQL, Test Automation, GenAI-Assisted STLC, Telecom BSS

PROJECTS

GETitDONE · Task delegation system with peer accountability [Link](#)

- Delegate tasks, track progress, and recognize the people who get things done with you.

Trace · AI native journal [Link](#)

- LangGraph orchestration, FastAPI, pgvector semantic search, SSE streaming, and voice STT/TTS.

LICENSES & CERTIFICATIONS

Microsoft Certified: Azure AI Engineer Associate (AI-102), Microsoft

Nov '25

Test Architect, Amdocs

Dec '23

EDUCATION

Bachelor of Engineering (BE), Savitribai Phule Pune University (GPA: 9.04)

Jul '18 — Jul '22

Pune, India

- Honours, Data Science Specialization

PUBLICATIONS

NFT Marketplace Based on Ethereum Blockchain

International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Vol 02, Issue 03, May 2022, DOI 10.48175/IJRSET - 3729. Authors: Yogiraj Gupta, Bhaskar Bhardwaj, Aasit Vora, Yogesh Sharma

May '22