

Anitej Chander Sood

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SUMMARY

AI Engineer delivering production-grade Generative AI and multi-agent systems for global enterprises. Expert in RAG, LangGraph, and LangChain orchestration. Proficient in deploying frontier models across Azure, GCP, and AWS to automate complex workflows and drive operational efficiency.

EXPERIENCE

Genpact

Bengaluru / Gurugram, India

- Business Analyst | Gen AI & Agentic AI Developer (Full-time)** *Jun 2025 – Present*
- AI/ML Intern (converted to full-time)** *Jan 2025 – Jun 2025*
 - Multilingual Data Pipeline | Global Specialty Materials Leader:** Architected multilingual NLP pipelines to automate data normalization and entity extraction for a global specialty materials enterprise. Delivered structured, ML-ready datasets that significantly improved downstream model ingestion.
 - Multi-Agent Procurement Intelligence | Global Energy Company:** Spearheaded a multi-agent procurement workflow using LangGraph, Azure OpenAI, and Azure AI Search. Automated supplier ranking, which accelerated vendor shortlisting by **70%** across global operations.
 - Voice Bot POC | GCP:** Designed a real-time conversational voice bot on GCP, integrating STT and TTS capabilities. Connected deterministic response logic with a dynamic data store to enable live e-commerce interactions.
 - Figma-to-Angular Code Generation | MCP + GitHub Copilot Pipeline:** Engineered an automated frontend pipeline by integrating an MCP server with GitHub Copilot. Translated Figma designs into production-ready Angular code, reducing frontend development time by **80%**.
 - LLM Research & Benchmarking:** Evaluated and benchmarked **15+ frontier LLMs** (Claude, Gemini, GPT, LLaMA) across multiple capability dimensions. Authored a 36-page comparative study to guide client model selection and internal leaderboards.

SKILLS

- Generative AI & LLMs:** GPT, Gemini, Claude, LLaMA, Grok, Phi, BERT, LangChain, LangGraph, HuggingFace Transformers, TRL, RAG, Agentic AI, Multi-Agent Systems, Prompt Engineering, LLM Evaluation, LoRA, QLoRA, GRPO, Quantization
- ML, Cloud & Infrastructure:** PyTorch, TensorFlow, Scikit-learn, Pandas, NumPy, OpenCV, OCR, Azure (OpenAI, AI Search, ML Studio), GCP (Vertex AI, Dialogflow, STT/TTS), AWS (Bedrock, SageMaker), Databricks, Docker, Git, GitHub Copilot, MCP Servers
- Databases, Vector Stores & Languages:** FAISS, Chroma, Weaviate, Azure AI Search, MySQL, SQLite, MongoDB, Firebase, Python, SQL

PROJECTS

- LinkedIn AI Agent 🤖:** Built an end-to-end **agentic content automation system** that scrapes **70+ articles** from 8 credible AI sources (MIT, DeepMind, HuggingFace, arXiv), applies a **three-stage LLM pipeline** (Gemini) for topic scoring and selection, generates domain-specific posts, and produces **16:9 professional images** — all in **~40 seconds at \$0.08/post**. Reduced content creation time by **90%**; includes Jaccard-based deduplication, 12-domain source whitelisting, and Excel-based post tracking.
- Synthetic Data Generation Pipeline:** Production-grade structured synthetic datasets for enterprise testing across **10+ domains**. Collaborated with SMEs to model realistic data patterns in finance, healthcare, insurance, and technology using Faker, Regex, and domain-specific business logic.

CERTIFICATIONS

- Databricks Certified Generative AI Engineer Associate** [[View Credential](#)] *Databricks · Sep 2025 – Sep 2027 · ID: 160787610*
- Agentic AI Development** [[View Credential](#)] *Boston Institute of Analytics · Jan 2026 · Distinguished Performer*
- Generative AI Development** [[View Credential](#)] *Boston Institute of Analytics · Jan 2026 · Distinguished Performer*

EDUCATION

- Vellore Institute of Technology** *Vellore, India*
 - B.Tech – Computer Science with Business Systems; CGPA: 9.28* *Sep 2021 – May 2025*
- St. John's High School** *Chandigarh, India*
 - Senior Secondary (Class XII, CBSE); Percentage: 96.2%* *Apr 2019 – Jul 2021*

PUBLICATIONS

- The Future of Six Sigma – Integrating AI for Continuous Improvement** [[Read Paper](#)] *Innovative Research Publication · Oct 2024*

Explores integration of AI into Six Sigma's DMAIC methodology to enhance continuous process improvement, combining predictive AI with systematic quality control for supply chain applications.
- AR and VR: Emerging Applications and Future Directions in Healthcare** [[View Book](#)] *In: Advanced Computing Solutions for Healthcare, Bentham Science Publishers, 2025, Ch.12 · ISBN: 978-981-5274-14-1*