

Aviral Gaur

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SUMMARY

Generative AI Engineer with 4.5 years of experience in AI-powered automated solutions, Relational Databases, Data Warehousing and Dashboarding techniques. Skilled in LLM fine-tuning, Retrieval Augmented Generation (RAG), and NLP solutions. Passionate about integrating AI into business intelligence to drive data-driven decision-making.

EXPERIENCE

PricewaterhouseCoopers

Senior Associate – Generative AI Developer

Jun 2025 - Present

Mumbai, India

- Working as a Gen AI Developer for a pharma client, building scalable, production-grade solutions using OpenAI models, FastAPI, Swagger, and Pydantic.
- Developed and deployed domain-specific Gen AI pipelines with robust API integration and prompt engineering.
- Utilized Azure services for monitoring, token management, and ensuring secure, efficient model operations.

ACCENTURE

Application Development Analyst

Mar 2021 – May 2025

Gurugram, India

- Developed, and implemented Natural Language Processing solutions using Python and associated frameworks.
- Worked extensively on Generative AI models, including Retrieval Augmented Generation (RAG) and LLM fine-tuning to deliver innovative and business-aligned solutions.
- Utilized Large Language Models (LLMs) for text generation, summarization, and other NLP applications.
- Applied prompt engineering techniques, including zero-shot and one-shot learning, to generate reliable outputs.
- Deployed scalable, reliable, and efficient solutions on Azure cloud platforms.
- Integrated Generative AI models into existing analytics systems to enhance business intelligence with actionable insights.
- Kept up-to-date with the latest advancements in machine learning, Generative AI, and related technologies.
- Documented and planned necessary fixes and enhancements, implementing them using SQL Server and relevant application tools.
- Performed data extraction, transformation, and loading (ETL) processes using SQL Server and Power BI to ensure data accuracy and efficiency.

DISTRIBUTED ENERGY

Associate Business Analyst-Intern

Apr 2020 - Aug 2020

Kochi, India

- Preparing and analysing the power generation of various workshops and setting up data on Investor dashboard.
- Developed a low-code application for monitoring project pipelines and enabling necessary actions.

EDUCATION

JSS Academy of Technical Education

Bachelor of Technology, Electrical Engineering, Cumulative CGPA: 7.6/10

Graduation Year: Oct 2020

Noida, India

Bishop Johnson School & School

Senior Secondary Education

Completion Year: May 2015

Prayagraj, India

PROJECTS

COLD EMAIL GENERATOR

Oct 2024 – Dec 2024

- Created a Gen AI app that generates tailored cold emails for Business Development associates and executives by analyzing job descriptions and matching them with relevant candidate and project portfolios.

RAG BASED CHATBOT – ECHORESUME

- Built a RAG-based multimodal chatbot using Chroma DB, OpenAI, LangChain, LangSmith, Google Speech API, and streamlit that takes a resume as an input answers user-related queries in text and audio

MULTI-LLM AGENTIC CHATBOT

Jan 2025 – Feb 2025

- Made an AI-powered personal chatbot using LangGraph, Tavily, FastAPI, Streamlit, Groq, and OpenAI, featuring search tool functionality, LLM-based responses, and an interactive UI for real-time queries.

CERTIFICATION

- Microsoft Certified Azure AI Engineer **AI-102**
- Microsoft Certified Data Analyst Associate **DP-500**
- Microsoft certified Database Administrator Associate (SQL Solutions) **DP-300**

SKILLS

- Programming Languages:** Python, SQL Server
- Tools:** Power BI, VS Code, Gen AI, OpenAI, RAG, Prompt Engineering, LLM Fine Tuning, Vector Databases
- Testing:** JIRA, A/B Testing, System Testing