# Aviral Gaur

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## SUMMARY

Generative AI Engineer with 4+ 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

**ACCENTURE**                                                                                          *Mar 2021 - Present*
*Application Development Analyst*                                                            **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.
- Applied best practices in software development, including version control (Git), DevOps tools, and Agile methodologies, to ensure high-quality and maintainable code.

**DISTRIBUTED ENERGY**                                                                          *Apr 2020 - Sep 2020*
*Associate Business Analyst-Intern*                                                            **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**                                          *Graduation Year: Oct 2020*
*Bachelor of Technology, Electrical Engineering; Cumulative CGPA: 7.6/10*                  **Noida, India**

**Bishop Johnson School & School**                                              *Completion Year: May 2015*
*Senior Secondary Education*                                                            **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**                                          *Feb 2025 – Mar 2025*
- Built a RAG-based multimodal chatbot using Chroma DB, OpenAI, LangChain, LangSmith, Google Speech APIs, and Streamlit that takes a resume as input and answers user-related queries in text and audio.

**MULTI-LLM AGENTIC CHATBOT**                                                          *Jan 2025 – Feb 2025*
- Made an AI-powered personal text 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:** VS Code, OpenAI, RAG, Prompt Engineering, LLM Fine Tuning, Vector Databases, LangChain, Langsmith
- **Testing:** JIRA, A/B Testing, System Testing