

# ANURUTH SREE VENKATACHALAPATHY

Power BI, SQL, Python, Data Warehousing, Gen AI

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## Professional Summary

Data Scientist with 4 years of experience in Telecom and Enterprise domains, specializing in **Power BI, SQL, Python**, and **Azure AI Foundry**. Skilled in building scalable ETL pipelines, interactive dashboards, and **Generative AI** and **Agentic AI** integrations (**LangChain, CrewAI, RAG, Semantic Kernel**). Skilled in integrating Generative AI with enterprise data platforms (**Azure AI Foundry, Data Factory, AI Search, and Data Lake Gen2**) to enhance automation and contextual intelligence.

## Technical Skills

**Programming:** Python, TypeScript

**Data Analytics & BI:** Power BI (DAX, Power Query, Power BI Service)

**Databases:** Oracle, MySQL, PostgreSQL

**Cloud:** Azure AI Foundry

**ML/AI Libraries:** Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib, Semantic Kernel

**Generative AI:** LangChain, CrewAI, LLaMA, Mistral, Gemini Pro, GPT-3.5/4/4o

**Concepts:** RAG, Agentic AI, Prompt Engineering, NLP, Data Warehousing, EDA

## Professional Experience

### Infosys Limited

09/2024 – Present

Bengaluru, IN

**Project:** Agentic AI MVP | **Client:** Microsoft Corporation | **Domain:** Agentic AI & Semantic Kernel

- Built end-to-end data pipelines with **Azure Databricks, Data Factory**, and **Data Lake Gen2** to process and prepare enterprise data for **retrieval-augmented generation (RAG)** and contextual intelligence.
- Integrated **Azure AI Search** with **vector embeddings** to enable fast, relevant, and **grounded information** retrieval within agent conversations.
- Used **Azure AI Foundry** and **AI Hub** to manage **LLM endpoints**, optimize prompt performance, and monitor multi-agent operations across teams.
- Developed multi-turn, **context-aware** dialogue capabilities through **Semantic Kernel** planners and memory, allowing agents to handle complex interactions more naturally.
- Delivered pilot deployments that improved meeting transcription accuracy by **30%** and marketing content generation efficiency by 35%, demonstrating measurable business impact.
- Collaborated with data engineering, product, and UX teams to align **AI agent capabilities** with enterprise goals and compliance requirements.

### Accenture Solutions Private Limited

08/2021 – 08/2024

Bengaluru, IN

*Data Engineering Analyst*

**Project:** GenWizard | **Client:** Innovation Hub | **Domain:** Enterprise BI & GenAI

- Led AI-based enterprise integration across SAP, Oracle, and Workday using **Generative AI**.
- Designed workflows with **LangChain** prompt chaining and **CrewAI** agentic AI for enterprise task automation.
- Deployed **Azure OpenAI (GPT-3.5/4/4o)** for scalable production use.
- Managed **Redis vector databases** for semantic search and AI-driven retrieval.
- Built Power BI dashboards for financial planning and resource allocation, improving reporting accuracy by 25%.

**Project:** Panorama Dashboard | **Domain:** Business Intelligence

- Automated **data extraction** and **cleaning** of raw .xlsx datasets for Power BI.
- Built interactive dashboards with slicers, drill-down, and chart toggling.
- Embedded **Chart.js** visualizations and chatbot interface for conversational insights.
- Improved report usability and responsiveness, reducing issue resolution time by **25%**.

## Education

### BITS Pilani – WILP - Master of Technology, Data Science and Engineering

2024 - Present

Pilani, IN

CGPA – 7.0

### Easwari Engineering College - Bachelor of Engineering, Electronics and Communication

2017 – 2021

Chennai, IN

CGPA – 8.2

## Awards & Certification

- Microsoft Certified **Azure AI Engineer Associate**. [Show credential](#)
- Wall of Fame Award** – Accenture (FY2024). [Show credential](#)
- Rookie Rockstar of the Year** – Accenture (2022). [Show credential](#)
- Quarterfinalist** – in AICTE, Texas Instruments IICDC 2019, anchored by IIM Bangalore. [Show credential](#)