

Vinit Kumar

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EDUCATION

B.Tech in Computer Science and Engineering (E-Commerce Specialization)
VELLORE INSTITUTE OF TECHNOLOGY

CGPA: 7.7
2022 – 2026

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C++ (basic)
- **Data Analysis:** SQL, Python
- **Data Visualization:** Excel, Power BI, Google Looker Studio
- **Libraries & Frameworks:** pandas, NumPy, Matplotlib, Seaborn, scikit-learn, TensorFlow (basic), LangChain, CSS
- **Data Engineering Concepts:** ETL/ELT, Data Warehousing
- **Specializations:** Machine Learning, Data Analysis, Generative AI (Azure OpenAI), REST APIs (FastAPI), Natural Language Processing, Large Language Models (LLMs), AWS Certified Cloud Practitioner
- **Product Management Skills:** Requirement Gathering, User Story Writing, PRD Documentation, Roadmap Planning, MVP Definition
- **Business & FinTech Domain:** Business Analysis, KPI & OKR Tracking, Customer Journey Mapping, Lending & EMI Products (NBFC)
- **Tools & Agile:** JIRA, Confluence, Agile Scrum, Cross-functional Collaboration
- **Soft Skills:** Team collaboration, time management, problem-solving and analytical thinking, adaptability and willingness to learn, communication

PROJECTS

LLM Q&A System for AtliQ Tees

Sep 2025

[GitHub Repository](#)

- Built a natural language Q&A system over business data stored in MySQL using Google gemini, Hugging Face embeddings, LangChain, and ChromaDB.
- Designed the UI in Streamlit and implemented few-shot learning to improve query accuracy and user experience, automating analytics for store managers.
- **Skills:** LLMs, LangChain, Hugging Face, Google gemini, MySQL, Streamlit, Vector Search, ChromaDB, NLP.

HR Analytics Dashboard

Aug 2025

[GitHub Repository](#)

- Developed an interactive HR analytics dashboard to visualize and analyze employee attrition for a 1,417-employee organization using Power BI, Power Query, and DAX.
- Identified key attrition trends by age group, gender, salary, education, and job role, enabling HR to pinpoint retention risks and implement data-driven strategies.
- **Skills:** Power BI, Power Query, Data Visualization, Data Analysis.

LLM-Based FAQ Automation System

Dec 2024

[GitHub Repository](#)

- Developed an intelligent FAQ chatbot using LangChain, Google PaLM, and Hugging Face embeddings.
- Implemented FAISS-based vector search with Retrieval-Augmented Generation (RAG) for accurate, context-aware responses.
- Deployed an interactive Streamlit UI for real-time student query resolution.
- Gained end-to-end experience in LLM pipelines, embeddings, vector databases, and deployment.

ACHIEVEMENTS

- **Competitive Programming:** Solved 200+ problems on LeetCode and GeeksforGeeks.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** — [AWS](#)
- **SQL Programming** — [LinkedIn Learning](#)
- **Generative AI** — [IBM](#)
- **Generative AI with Azure OpenAI** — [Udemy](#)
- **HTML, CSS, and JavaScript for Web Developers** — [Coursera](#)
- **Modeling and Analytics for Supply Chain Management** — [NPTEL](#)