Vinit Kumar

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EDUCATION

B.Tech in Computer Science and Engineering (E-Commerce Specialization) — **CGPA: 7.7**
VELLORE INSTITUTE OF TECHNOLOGY — 2022 – 2026

TECHNICAL SKILLS

- **Product Management:** Requirement Gathering, User Story Writing, PRD Basics, Feature Prioritization
- **Business & Analytics:** SQL, Excel, Power BI, KPI Tracking, Data-Driven Decision Making
- **Technical Skills:** Python, REST APIs (FastAPI), System Understanding
- **AI & Automation:** Generative AI, LLM Basics, NLP (Business Use Cases)
- **Tools & Soft Skills:** JIRA, Agile Workflow, Stakeholder Communication, Collaboration

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*