

Aniket Maharana

✉ aniketmaharana.28@gmail.com | 📞 +91- 6291965296 | 🌐 [Github](#) [LinkedIn](#)

Education

Sai Vidya Institution of Technology, Bengaluru – India

September 2023 - June 2027

Bachelor of Engineering in Computer Science and Engineering (Data Science)

GPA: 8.3/10

Projects

Fraud Detector *Python, FastAPI, XGBoost, Git, Kaggle*

Oct 2025 – Nov 2025

Real-Time Credit Card Fraud Detection System

- Designed and implemented an end-to-end ML pipeline processing **280K+ transactions** using XGBoost for imbalanced classification.
- Achieved **~0.94 AUC-ROC** and improved fraud recall by **~35%** with time-based feature engineering and threshold tuning.
- Handled class imbalance using **class weighting techniques** to improve minority class detection.
- Deployed a **low-latency FastAPI service (<100 ms)** for real-time fraud scoring with logging and monitoring.
- Developed a **Streamlit dashboard** for real-time fraud analysis, score visualization, and high-risk transaction investigation.

Cyber Threat Intelligence (ML + GraphRAG) *Python, Neo4j, LangChain, PyTorch*

April 2025 – June 2025

Knowledge Graph–Based Cyber Threat Analysis System

- Designed a **GraphRAG pipeline** integrating Neo4j knowledge graphs with LLM-based retrieval (LangChain).
- Constructed a threat knowledge graph from MITRE ATT&CK and CVE datasets using NLP-based entity extraction.
- Improved query relevance by **~30%** and enabled **context-aware, explainable threat analysis** using RAG.
- Built an interactive **Streamlit interface** for real-time querying, visualization, and exploration of threat intelligence data.

Experience

Data Analyst Intern

Feb 2026 – May 2026

Unified Mentor Pvt. Ltd. — Gurugram, Haryana (Remote)

- Performed **data cleaning, EDA, and feature analysis** on transactional datasets to uncover patterns and anomalies.
- Built **interactive dashboards (Power BI)** to communicate insights and support data-driven decision making.
- Collaborated with team members to translate business requirements into structured analytical workflows.

Online Course

Deloitte Australia

June 2025

A Data Analytics Job Simulation

- Completed a Deloitte job simulation involving data analysis and forensic technology
- Created a data dashboard using Power BI
- Used Excel to classify data and draw business conclusions.

Microsoft

April 2024

Career Essentials in Data Analysis

- Proficient in extracting actionable insights from complex datasets using statistical methods and tools like Excel and Power BI
- Skilled in creating interactive dashboards and visualizations to communicate business intelligence effectively

Coursera and AWS

March 2025

Generative AI with Large Language Models

- Experienced in building and fine-tuning LLMs for natural language generation, text completion, and conversational AI applications
- Proficient in implementing prompt engineering, model deployment, and ethical AI practices for scalable generative solutions

Skills

Programming Languages: C/C++, JavaScript, Python, R, Typescript, SQL

Data Analysis & Visualization: MS Excel, Power BI, Data Cleaning, Exploratory Data Analysis, Data Validation, Data Mining

Databases & Data Platforms: MySQL, PostgreSQL, MongoDB, Firebase, Supabase

Machine Learning: Feature Engineering, Model Evaluation, XGBoost, scikit-learn, TensorFlow, PyTorch, Neural Networks

Generative AI: LLMs, Multimodal AI, Hugging Face Transformers, NLP, LangChain, LangGraph

Achievements

- Secured **1st** place in a Python Project Presentation
- Qualified in internal hackathon for the **Smart India Hackathon**

Volunteering

Data Vision Club Tech Lead SVIT Bangalore

Oct 2025 - Present

- Conducted a Hackathon with 60+ participation and helped students to connect with industrial professionals and gain hands-on experience with hackathon culture
- Conducted seminar with industrial professionals on the current trends in market and job opportunities in AI and Data Science

Coordinator Sports Society SVIT Bangalore

April 2024 - Present

- Managing the annual sports fest for 300+ students