

## **VIJAY KANIGIRI**

Phone: 7396903166 | Email: kvijayvijay119@gmail.com | Location: Hyderabad

LinkedIn: [www.linkedin.com/in/vijay-kanigiri-48b55731b](https://www.linkedin.com/in/vijay-kanigiri-48b55731b)

GitHub: <https://github.com/kanigirivijay>

---

### **Professional Summary**

Data Analyst with experience in SQL, Power BI, and Python, specializing in business intelligence, data visualization, and ETL processes. Proven ability to translate raw data into clear insights using KPIs, dashboards, and statistical analysis. Skilled in stakeholder communication, data storytelling, and building automated pipelines to support strategic decision-making.

---

### **Skills:**

Data Analysis, SQL, Python, Power BI, Excel, Data Cleaning, Data Transformation, Data Visualization, Dashboard Development, Problem Solving, Communication, Analytical Thinking

### **Tools & Technologies :**

MySQL, Power BI, MS Excel, Pandas, NumPy, Streamlit, Jupyter Notebook, Matplotlib, Seaborn, Scikit-learn, GitHub, APIs, Google Sheets

### **Certifications**

Data Analytics Job Simulation – Deloitte

Analyze Data to Answer Questions – Google

Process Data from Dirty to Clean – Google

Share Data Through the Art of Visualization – Google

Excel Basics for Data Analysis – IBM

Oracle SQL Workshop

AWS Academy Machine Learning

---

### **Experience**

#### **Data Analyst Intern (Remote) – Soul Tech Vibe**

June 2025 – July 2025

- Developed and deployed Power BI dashboards across 10,000+ records to visualize education trends by region and category, improving decision-making for academic stakeholders.

- Wrote and optimized 10+ complex SQL queries using joins, CTEs, and aggregation functions to generate actionable insights and support BI reporting.
- Collaborated with

stakeholders to define KPIs and build custom metrics for data-driven reporting. - Maintained data quality and performed validation to ensure integrity during analysis.

### **Data Visualization Intern (Remote) – 4Excelerate**

Cleaned and prepared raw datasets using Excel for effective analysis.

Created dashboards in Power BI highlighting performance metrics and trends.

---

## **Projects**

### **Educational Course Dashboard Using Power BI**

→ Created an interactive Power BI dashboard with KPIs, filters, and DAX-based metrics to support curriculum planning and data storytelling.

### **Customer Order Analysis Using SQL**

→ Analyzed higher education course data using MySQL to extract trends in course types and durations, and built custom KPIs for reporting..

### **Credit Card Fraud Detection Using Machine Learning**

- Built and deployed a fraud detection model using Random Forest, SVM, and MLP- Handled large-scale dataset (6M+ rows) with proper cleaning, encoding, and scaling. Achieved 97% accuracy, 95% precision. Visualized results via Streamlit dashboard.

- Tools: Python, Scikit-learn, Streamlit, Pandas, Matplotlib.

---

## **Ongoing Projects**

### **Forensic DNA Analysis Using STR Matching (In Progress)**

Tools: Python, Pandas, Streamlit, NumPy

Developing a tool to match STR-based forensic evidence with known DNA profiles for identity verification.

---

## **Education**

> Malla Reddy College of Engineering | B.Tech in CSE (AIML) | CGPA: 7.6 | 2022-2026

> Sri Gayatri College | MPC | CGPA: 8.7 | 2020–2022

> Bhashyam High School | CGPA: 10 | 2020

---

**Awards** Bronze Medal – Science Quiz Completed & Rashtra Bhasha Prathamik & Madhyamik Hindi Exams with Distinction