

Akshat Mishra

9555050219 | akshatmishrawork28@gmail.com | linkedin.com/in/akshat-
leetcode.com/u/ARCEU | github.com/Anonymo | akshat28portfolio.netlify.com

Education

Vellore Institute of Technology

Bachelor of Technology in Computer Science

CGPA: 8.59

Nov. 2022 – Oct. 2026

Sehore, Madhya Pradesh

Sir Padampat Singhania Education Centre

Higher Secondary

Percentage: 85.4%

2022

Kanpur, Uttar Pradesh

Sir Padampat Singhania Education Centre

Secondary

Percentage: 91.8%

2020

Kanpur, Uttar Pradesh

Technical Skills

Languages: Java, Python , SQL

Data Visualization: Power Bi, Matplotlib, Seaborn, Plotly

Data Analysis: Pandas, NumPy, Statistical Analysis, Hypothesis Testing

Machine Learning: Scikit-learn, Time Series Analysis, Regression, Classification

Tools: Excel, Jupyter Notebook, Git

Projects

E-Commerce Sales Dashboard | Power BI, Excel, Python

GitHub

- Designed and developed an interactive Power BI dashboard to track and analyze online sales performance across regions, categories, and customer segments.
- Implemented advanced filters, slicers, and drill-through parameters to enable dynamic data exploration and user-driven insights.
- Used Python for data wrangling and preprocessing, including missing value handling, data cleaning, and transformation for structured analysis.

Sales Data Analysis | SQL, Python, Power BI

GitHub

- Analyzed 50,000+ sales records to identify top-performing regions, products, and customer segments.
- Wrote complex SQL queries using JOINS, GROUP BY, subqueries, and window functions to extract meaningful business insights.
- Built an interactive Power BI dashboard visualizing KPIs such as revenue growth, profit margins, and monthly sales performance.

Time Series Anomaly Detection | Python, Scikit-learn, NumPy, Pandas

GitHub

- Developed an ensemble-based anomaly detection system combining Isolation Forest, Autoencoder, and PCA to detect anomalies in multivariate time-series data with 90%+ accuracy.
- Engineered an automated feature attribution pipeline to rank the top contributing features for each anomaly, enabling effective root cause analysis and reducing debugging time by 40%.
- Built a scalable preprocessing pipeline handling 10,000+ sensor records, including normalization, missing value imputation, and temporal feature engineering.

Achievements

- Finalist (Top 9/500+)** – Summer CodeFest Hackathon by GSOC Innovators Club
- Finalist** – Internal Round, Smart India Hackathon 2024. Link
- 3rd Place** – CodeX by CISCO (AdVITya 2024). Link