MUSHARRAF ALEEM

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EDUCATION:

Bachelor of Technology in Computer Science and Engineering
Bihar Engineering University, Patna , Bihar
2020 – 2024 | CGPA: **8.0**

SKILLS:

- Programming & Data Tools: Python, SQL, Excel, Pandas, NumPy
- Data Visualization: Matplotlib, Seaborn, Power BI
- Databases: MySQL
- Others: Git, GitHub, Data Cleaning, Data Transformation

PROJECTS:

1.Retail Sales Data Analytics Dashboard

Tech stack- PowerBI, Python, MySQL, pandas, git
Built a complete sales analysis pipeline using Django and MySQL for data ingestion, pandas for data wrangling, matplotlib for EDA, and Power BI for an interactive KPI dashboard. Delivered insights on product revenue, trends, and customer behavior.

- Designed and populated MySQL database using Django models and views to store customer, product, and order data.
- Wrote SQL queries to extract and join data for analysis using pandas
- Cleaned, transformed, and engineered features like revenue, top products, and monthly trends
- Created visualizations including bar charts, line plots, and pie charts using matplotlib
- Github: https://github.com/Musharraf551/Retail-Sales-Data-Analytics-Dashboard.git

2.HR-Analytics-Dashboard-using-Power-BI

Tech stack- PowerBI, Python, MySQL, pandas, git
Analyzed HR data to identify key factors driving employee attrition using Power BI. Cleaned and transformed data with Power Query, and created interactive dashboards to visualize trends by department, job satisfaction, and tenure.

- Analyzed HR data in Power BI to reveal patterns in employee churn
- Visualized attrition by department, age, job satisfaction, etc.
- Identified high-risk segments and proposed retention strategies
- GitHub: https://github.com/Musharraf551/HR-Analytics-Dashboard-using-Power-BI.git

INTERNSHIP:

Python Full Stack Developer Intern
JSpiders | Sep 2024 – Mar 2025

- Gained hands-on experience in full-stack development using Python, Django, MySQL, HTML, CSS, and JavaScript.
- Practiced building web applications from scratch, focusing on backend logic, frontend responsiveness, and database integration.
- Improved skills in version control using Git, debugging, and modular code writing.
- Applied best practices in web development, including form validation and authentication.

CERTIFICATES:

- Python full stack (PySpiders)
- The joy of computing using python (NPTEL)
- Cloud computing (NPTEL)