

MRUNAL GANGURDE

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PROFESSIONAL SUMMARY

Data Engineer with expertise in **data warehousing**, **ETL pipelines**, and **data integration** using Python, SQL, and cloud technologies. Skilled in designing and optimizing **data pipelines**, performing **data migration**, and developing interactive **dashboards** for actionable insights. Proficient in leveraging **machine learning models** and **big data technologies** to solve complex data challenges.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL
- **Machine Learning & AI:** Traditional ML, Generative AI (GenAI), Deep Learning basics
- **Data Engineering:** ETL Processes, Data Wrangling, Data Pipelines, Batch & Stream Processing, Data Migration
- **Data Science Tools:** Pandas, NumPy, Scikit-learn, Jupyter Notebooks
- **Visualization & Databases:** Power BI, MySQL, PostgreSQL, MongoDB
- **Cloud Platforms:** AWS (Basic), Google Colab

PROFESSIONAL EXPERIENCE

Junior Data Analyst (Intern)

Learning Finch, Kalyan [February 2024 – October 2024]

- Designed and implemented data pipelines for ETL workflows using **Python** and **SQL**.
- Collaborated with business teams to gather requirements and create data structures for **Power BI dashboards**.
- Built machine learning models to forecast trends, contributing to strategic planning.

Operations Executive

Econship, Juinagar [November 2023 – January 2024]

- Managed export logistics at Dubai port, coordinating workflows and reducing order processing time by 15%.
- Resolved client issues and managed inventory at Dubai port, maintaining efficiency and minimizing operational delays.

PROJECTS

Comprehensive Text Moderation System

- Developed an NLP-based system to detect spelling errors, grammar issues, and offensive language with customizable filters for real-time moderation.

HR Attrition Prediction Model

- Created a predictive model using the IBM HR dataset to analyze employee attrition, achieving 93.5% accuracy by utilizing machine learning algorithms and addressing class imbalance with SMOTE.

Call Center Trend Analysis and Visualization

- Conducted exploratory data analysis and developed interactive dashboards for performance trends.

EDUCATION

- **Bachelor of Engineering, Mechanical**
Pillai College of Engineering, New Panvel | 2018 – 2022 | CGPA: 8.11/10

CERTIFICATIONS

- *Structured Machine Learning Projects* – Coursera (by Andrew Ng, DeepLearning.AI)
- *AI for Everyone* – Coursera (by Andrew Ng, DeepLearning.AI)
- *Python 3.4.3 Training* – Spoken Tutorial, IIT Bombay
- *IELTS* – Band Score: 7.0

References

Available upon request.