

# MUNEEB UL HASSAN

Data Engineer

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## SKILLS

Web, Data APIs, Dashboards, Dimensional Modelling, ETL, Data Manipulation, Data cleaning, Data visualizations, Python, PySpark, Azure, Data Factory, Fabrics, Flask, Fast API, Django, SASS Databases, SQL, Databricks, Pandas, Selenium, Seaborn

## EXPERIENCE

### Data Analyst

Islamabad, Pakistan

#### Systems Limited

09/2024 - Present

- Designed and streamlined data pipelines and automated workflows using Power Automate, integrating with Snowflake for efficient data storage and processing.
- Delivered financial data solutions for a client in New York, leveraging data warehousing to ensure seamless data management and retrieval.

### Data Engineer

Islamabad, Pakistan

#### Rapidev

01/2024 - 09/2024

- Developed an open-source social media intelligence tool using Python for data processing, GraphQL for efficient querying, and the ELK stack (Elasticsearch, Logstash, Kibana) for real-time data indexing and visualization.
- Developed the JadOps project to gather data from IoT devices, generating real-time alerts for any changes within designated geofences.
- Leveraged PySpark for efficient data processing and analysis, ensuring timely notifications.
- Implemented a robust database system for storing and managing collected data effectively.

### Senior Data Engineer

Islamabad, Pakistan

#### Askari Bank

08/2023 - 01/2024

- Developed Web platform for employee tasks and their progress management using python flask.
- Schedule, Automate and standardize Ad hoc and regulatory reporting delivery.
- Design data architecture and implementation for Askari Bank in close alignment with the Data lead and the technical teams
- Report Dashboards to different business units using excel and python.

### Software Engineer (Data Analyst)

Islamabad, Pakistan

#### Huawei Technologies

11/2021 - 08/2023

- Managed SASS Servers having 30+ Data Pipelines from 20+ data Sources to ensure High availability and scripted jobs for Scheduled reporting.
- Developed 10+ Dashboards and SASS OLAP Tabular Model.
- Developed Bigdata ETL to collect, manipulates and transforms data from NCE (Network Cloud Engineering) to be finally used for BI team.
- Designed and Developed Middle East Project Delivery Progress Management, Group of Web Platforms and dashboards using Django, micro services and Azure data lake and power bi that save 200k plus man-hours, reduced Overdue site delivery rate to 18% and improve delivery cycle by 13 days.

### Automation Engineer

Rawalpindi, Pakistan

#### WEBEXERT

01/2021 - 03/2021

- Worked on Automated marketing solution capable of finding and sending target messages to interested customers and replies to basic queries and save cost by 60%.
- Developed a RPA that extracting information from social media and generated insights report from data and sending automated emails stack holders on weekly and monthly schedules.

### Software Programmer

Islamabad, Pakistan

#### NESCom

08/2019 - 10/2019

- Developed a python script to hook print commands and data writing on CD/DVD's for data lacking prevention.
- Worked on image analysis using the pre available Haar-Cascade files to read cars number-plate from a live video.
- Extract text from PDF document and using API response to identify whether that document is confidential or not.

## EDUCATION / CERTIFICATION

### Microsoft Certified: Azure Data Fundamentals

01/2025

Microsoft

### AI Certification: Artificial Intelligence

10/2019 - 10/2021

PIAIC

### Bachelor of Science: BS, Computer Science

01/2016 - 12/2020

Microsoft