

# Muhammad Eatesaam

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**Location:** Lahore, Punjab, Pakistan | **Nationality:** Pakistani

**Date of Birth:** 05 April 1997 | **Marital Status:** Single

[LinkedIn](#) | [GitHub](#) | [Website](#) | [Credly](#)



## Professional Summary:

Dynamic Data Engineer with a proven track record of 4+ years specializing in data pipelines, data warehousing, analytics, and architecting scalable data infrastructure solutions. Deeply versed in data management principles, dedicated to refining data pipelines, elevating data integrity, and extracting actionable insights crucial for driving exponential business growth.

## Skills:

**Programming Languages:** Python, SQL, JavaScript

**Libraries:** Numpy, Pandas, Pyspark, Beautiful Soup, Boto3, Matplotlib

**Tools:** Apache Airflow, Tableau, Jupyter Notebook, Git, Docker, MS Office Suit

**Databases:** PostgreSQL, MySQL, DynamoDb, Amazon RDS, Chroma

**Platforms:** Amazon Web Services (AWS), Databricks, Apache Spark

**AI and ML:** Generative AI, Prompt Engineering, Retrieval Augmented Generation (RAG), Llama Index

**Others:** ETL/ELT, GitLab CI/CD,

**Soft:** Technical Writing, Analytics, Communication, Adaptability, Empathy

## Professional Experience:

### Freelance

**Location:** Lahore Pakistan (Remote)

**Time Period:** April 2023 – Present

**Position:** Data Engineer

- Built an LLM-powered data-driven application leveraging Generative AI, Prompt Engineering, and Retrieval Augmented Generation (RAG) techniques using the Llama Index library for efficient information retrieval.
- Designed, implemented, and maintained scalable and efficient data pipelines for data extraction, transformation, and loading (ETL).
- Optimized and troubleshoot data-related issues, ensuring data quality and reliability.
- Developed and executed queries and scripts to extract, transform, and analyze data.
- Developed and maintained API integrations with third-party systems, ensuring seamless data flow and system interoperability.

### Starkey Technologies

**Location:** Birmingham UK (Remote)

**Time Period:** April 2021 – April 2023

**Position:** Data Engineer

- Designed and implemented end-to-end data processing solutions, encompassing ETL/ELT pipelines and server less applications on AWS, resulting in an 80% reduction in job management time.
- Conducted in-depth data analysis to deliver actionable insights, resulting in a 15% improvement in business decision-making accuracy within a specified timeframe.
- Demonstrated expertise in data cleansing, aggregation, and transformation using Python and SQL.
- Produced highly effective reports and presentations, achieving a 90% stakeholder satisfaction rate, and delivered visualizations that enhanced data interpretation by 12% for business teams.

- Maintained a 95% adherence to project deadlines, minimizing delays, while reducing project-related queries from stakeholders by 15% through clear and concise documentation.

## **The Superior Group**

**Location:** Lahore Pakistan (On-site)

**Time Period:** Sep 2019 – March 2021

**Position:** Software Engineer

- Coordinated collaborative coding efforts, fostering efficient development practices among team members.
- Designed and implemented custom web pages using HTML and JavaScript for existing websites, enhancing user interfaces with modern technologies such as JavaScript, HTML5, and CSS3.
- Designed and implemented database schemas, ensuring data integrity and scalability for mission-critical applications, resulting in a 20% increase in system reliability and a 30% reduction in query response time.
- Implemented indexing strategies that improved database performance, reducing average query execution time by 25% and enhancing overall application responsiveness.
- Demonstrated proficiency in data handling by optimizing SQL queries, building web scrapers in Python for data extraction, and performing data transformation and validation tasks using Python, SQL, and MS Excel.

## **Education:**

### **Superior University**

BS Software Engineering | 2015-2019 | CGPA: 3.42/4.0

- **Courses:** Databases, Object Oriented Programming, Data Structures & Algorithm, Operating System, Software Engineering, Networking
- **FYP:** Face detection using Deep learning

## **Certifications & Trainings**

### **Databricks Lakehouse Fundamentals**

Databricks | April 2024

### **Cloud Solution Architect (AWS) Boot Camp**

Contour Software | May 2023 – June 2023

### **SQL**

HackerRank | June 2023

### **Career Essentials in Data Analysis by Microsoft and LinkedIn**

Microsoft | May 2023

### **IBM Data Engineering**

Coursera | Sep 2022

## **Achievements:**

### **Shahbaz Sharif E-Youth Initiative 2014**

In November 2014, I received a complimentary laptop from the Government of Punjab.

## **Reference:**

### **Daniel Starkey**

Director, Starkey Technologies

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