

# Muhammad Shahid

Python Developer | Data Engineer

To seek and maintain full-time position that offers professional challenges utilizing interpersonal skills, excellent time management and problem-solving skills. Team player with an eye for detail. A key strength is communication; building strong relationships with people to deliver the best results.



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## WORK EXPERIENCE

### Python Developer

CareCloud (MTBC)

09/2022 - 07/2023

Islamabad

#### Achievements/Tasks

- Worked on Flask to maintain and update API
- Developing Rules for US Healthcare Practices using Python on CareCloud API.
- Monitored and maintained operational readiness of middleware applications.
- Worked independently to design, develop and test code.
- Collaborated with quality assurance team to verify correct implementation of software development changes.

### Artificial Intelligence Engineer

SOCO Engineers

08/2023 - 01/2024

#### Achievements/Tasks

- Collecting, cleaning, and preprocessing large datasets to ensure data quality and suitability for model training.
- Performing exploratory data analysis (EDA) to gain insights and identify patterns in the data.
- Collaborating with cross-functional teams, including data scientists, software engineers, and domain experts, to define project goals and requirements.

### Python Developer

QPharma Inc.

11/2023 - Present

Remote

#### Achievements/Tasks

- Developing Python scripts for data cleansing and normalization, ensuring data accuracy and consistency.
- Utilized Python libraries (such as Pandas, NumPy) for statistical analysis and reporting.
- Implemented Spark jobs in Scala for large-scale data processing and analysis.
- Collaborated closely with data scientists to understand their requirements and implement data solutions that align with analytical goals.
- Leveraged big data technologies such as Apache Spark for distributed computing, handling large-scale healthcare datasets effectively.
- Utilized Python for data wrangling, cleansing, and transformation tasks, ensuring high-quality input for analytics processes.

## EDUCATION

### Bachelor of Computer Science (Hons)

National College of Business Administration and Economics Lahore

09/2018 - 08/2022

## SKILLS

Python

Data Analysis

Numpy

Pandas

Seaborn

Matplotlib

SQL

Flask

Beautiful Soup

Scikit-Learn

Selenium

AWS

Linux

Scala

GIT

Azure

Selenium

Data Mapping

## PERSONAL PROJECTS

### Plant Disease Prediction (03/2022 - 06/2022)

- A CNN-based technique for identifying plant diseases is proposed in my project
- Depending on the intricacy of the time and place involved, the simulation and analysis are investigated with a sample of photos
- Corn blight, bacterial stains on tomatoes, and early detection of potatoes were all provided to the model as disease cases.

## LANGUAGES

English

Full Professional Proficiency

Urdu

Full Professional Proficiency

## INTERESTS

Artificial Intelligence

Data Engineering

E-Gaming