**Iqbal Ali**

**Programmer Analyst**

Iqbal.Ali@Cognizant.com

Icon

Description automatically generated with medium confidence

**Security Status:** SC Cleared

**Executive Summary**

* Strong Python and SQL skills with hands-on experience in Micro-Services Architecture.
* Experience in configuring AWS cloud infrastructure as code using Terraform.
* Knowledge of container orchestration tools like Docker and Kubernetes.
* Working Knowledge on databases like MySQL, and NoSQL databases like Cassandra DB.

**Academic Qualifications and Certifications**

* Bsc: Mathematics with Finance and Economics
* Certifications:
  + AWS Cloud practitioner
  + AZ - 900

**Professional Technical Skills**

- Programming Languages: Python, SQL

- Architectural Styles: REST API, Microservices

- Code Versioning: Git

- Testing Frameworks: Cucumber, Locust

- Cloud Technologies: AWS, Azure, Terraform

- DevOps Tools: Docker

- Agile Methodologies: SCRUM, pair programming

**Professional Experience**

**Cognizant Technology Solutions**

**March'24**

**Tools/Technology:** Azure, Streamlit, python

**Client:** Internal training

**Project:** Creating Python APIs

**Responsibilities:**

* Developed RESTful APIs for health checks, enhancing service reliability.
* Deployed APIs on Streamlit, ensuring user-friendly access
* Learned how to deploy APIs on to azure.

**March’24**

**Tools/Technology:** AWS, Azure, Databricks, SQL, Python

**Client:** Training

**Project:** Cloud based data engineering project

**Responsibilities:**

* Developed a data pipeline to upload data effectively for analysis
* Developed and managed notebooks, clusters and Jobs
* Used AWS S3 for storage
* Promoted security measures by implementing azure key vault for credential management

**Feb’24**

**Tools/Technology:** SQL, Python, Terraform, AWS CLI, Docker, GIT, Airflow, Spark

**Project:** Data engineering batch data

**Responsibilities:**

* Cloned a repository using git
* Designed and implemented a data pipeline using Airflow and Spark, ensuring efficient data processing.
* Managed code versioning with Git

**Dec’23**

**Tools/Technology**: Jupyter Notebook, Python, Yfinance, Pandas, NumPy

**Project:** Stock market analysis – Personal project

**Responsibilities:**

* Developed a Python application to extract and analyze stock prices from Yahoo Finance for 2023 using the Yfinance library.
* Utilized Pandas to efficiently manage and manipulate data within DataFrames, ensuring accurate data sorting and analysis.
* Conducted statistical analysis, including calculations of mean, median, and standard deviation, to assess stock performance metrics.
* Created visualizations of stock trends and statistical data using Matplotlib’s. plot() function, enhancing data interpretability and insights.
* Implemented best practices in code quality and documentation to facilitate future enhancements and maintenance.