

Muhammad Majeed

BASc COMPUTER
ENGINEERING

CONTACT

+1 (613) 770 6975

 Usmanmajeed59@gmail.com

 github.com/musmanm

 linkedin.com/in/muhammad
majeed

EDUCATION

COMPUTER ENGINEERING
with focus on Software
Development and Data Science
Queen's University
2018

CERTIFICATIONS

AZ900 – Azure Fundamentals

DP201 – Azure Data Solutions

AZ400 – Azure DevOps Solutions

AWS Cloud Practitioner

Udemy Data Warehouse Developer

Udemy Kubernetes Developer

Udemy DevOps Jenkins Master

PROFILE

Experienced Software and Cloud engineer possessing a significant background in delivering a variety of enterprise-level applications and innovative Public Cloud solutions to various corporations.

RELATED EXPERIENCE

SENIOR DATA ENGINEER | SQL and Python | ETL

Rogers Communication Inc | June 2018 - Present

- Communicated with project managers and analysts about data pipelines that drove efficiency KPIs up by 26%
- Ingested data from disparate data sources using a combination of SQL, Google Analytics API, and Salesforce API using Python to create data views to be used in BI tools like Tableau and stored in Azure CosmosDB
- Studied and revamped data dictionaries to include a more robust history for developing consistency across domain
- Designed the data pipeline architecture for a new product that quickly scaled from 0 to 125,000 daily active users
- Designed and implemented a real-time data pipeline with Azure Data Factory and used Databricks to process semi-structured data by integrating 150 million raw records from 30+ data sources using Kafka and PySpark
- Led the migration from Oracle to Azure Data Lake, resulting in an annual cost savings of \$678,000 and an increase in performance of 14%

DATA ANALYST | Python and R

Brookfield Renewables | Sep 2017 – Apr 2018

- Modeled estimated areas of large climate change impact due to projected varying temperature changes across the Great Lakes
- Interpreting data and analyzing results using statistical techniques in order to extract trends and make predictions
- Implementing data analyses, data collection systems and other strategies that optimize statistical efficiency and quality

DATA ENGINEER | ETL

Advanced Micro Devices (AMD) | May 2016 – Aug 2017

- Helped migrate several applications to AWS using serverless model, through CloudFormation CI/CD pipeline which reduce deployment time by 40%
- Built basic ETL that ingested transactional and event data from a web app with 12,000 daily active users that saved over \$85,000 annually in external vendor costs
- Provided System and Components integration by programming C++ libraries for card readers and creating the platform layer
- Utilized Spark in Python to distribute data processing on large streaming datasets to improve ingestion and processing speed of that data by 67%

TECHNICAL SKILLS

Cloud Platforms: Azure, AWS, GCP, Containerization

DevOps Tools: Ansible, Terraform, Azure DevOps, Jenkins

Programming Languages: SQL, Java, C#, C, C++, Python, VHDL, Verilog, Arduino

Web: JavaScript, TypeScript, HTML, Node.js, AJAX, XML, CSS, SQL, PHP

Frameworks: LoopBack, React, Redux, AngularJS, React-Native, TensorFlow, Hadoop

Databases: MySQL, NoSQL, DB2, MS-SQL, MongoDB, Cloudant, PhpMyAdmin

Software Development: Agile, SCRUM, Git, RTC, SVN, Redmine

Software Applications: Eclipse, Visual Studio, Android Studio, MATLAB, WebStorm