Zubair Ashfaque

Data Scientist & Machine Learning Engineer

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Profile

Certified TensorFlow developer and Google data analyst with 12 years of experience leading cross-functional teams to ensure accuracy and integrity around data and insights in a variety of industries. Highly skilled in predictive modeling, machine learning, deep learning, and data visualization.

Professional Certificates

TensorFlow Developer ⃗
Tensorflow.org

Google Data Analytics ⃗
https://grow.google/certificates/data-analytics

Professional Experience

Freelance Data Scientist   01/2019 — present
Summary: Philips Lifeline is a leading healthcare solution dedicated to finding solutions that support the independence of older adults in connected health solutions.

- Coordinating our work with the work of the 20-person US team.
- Meeting with stakeholders to present analysis and understand business requirements.
- Take ownership of projects and build proofs-of-concept (POCs) that can demonstrate utilization, value, and lead to scalable solutions.
- Analyzed the data with SciPy and Pandas and presented it using Matplotlib and Tableau.

System Analyst, *VEON* ⃗   09/2017 — present
Summary: Responsible for leading & executing advanced analytics & data science initiatives for the revenue assurance in the organization. Worked with key stakeholders to scope, develop, & present ML models.

- Designed and implemented a machine learning system that predicts grey traffic with 83% accuracy.
- Perform revenue controls and a variety of statistical analyses using Microsoft excel, python, and SQL
- Developed early iteration of ETL pipelines using RAID (WEDO) and Python (including SQLAlchemy paramiko, Dask, Hadoop, Hive) with logging, data cataloging, & job status tracking for processing 1M+ text and binary files.
- Designed data models & schema, created DDL & DML scripts for Oracle RDBMS Database.

Enterprise Application Integration Planning, *VEON* ⃗   07/2012 — 09/2017
Summary: Responsible for leading & assist in the development of technology roadmaps to evolve the API estate in conjunction with internal and external TELCO solution providers

- API tester with full system development lifecycle experience, including designing, developing, and implementing test plans, test cases, and test processes fueling swift corrective actions, significant cost savings, and fault-free audits.
- Hands-on technology professional accustomed to working in complex, project-based environments. Multifaceted experience in QA software testing, software development, and user-acceptance testing.
- Review requirements, specifications, and technical design documents to provide timely and meaningful feedback.
- Create detailed, comprehensive, and well-structured test plans and test cases.
- Estimate, prioritize, plan and coordinate testing activities.
- Design, develop, and execute automation scripts using open source tools.
- Identify, record, document thoroughly, and track bugs
- Perform thorough regression testing when bugs are resolved.
- Develop and apply testing processes for new and existing products to meet client needs.
- Investigate the causes of non-conforming software and train users to implement solutions.

Executive Engineer, *WATEEN* 03/2012 − 07/2012

Performing the following Job responsibilities
• Planning, Developing, Implementing complete operations of CMT
• Updating team with changes in product & services and policies and procedures by arranging
• refreshers, Courses & Training sessions
• Update network outage for customer care staff
• Coordination with other departments (RAN,IN,NOC) for effective and timely complaint
• resolution.
• Providing support to CMT and SRP teams regarding CRMNG

Internee as NOC Engineer, *WATEEN* 12/2011 − 02/2012

Performing the following Job responsibilities
• Monitoring and Alarm escalation L1 Support
• Monitor VOIP Traffic on Soft Switch (SBC) NEXTONE and GSX9000
• Monitor SS7 Traffic on Signalware
• Systematic Administration of real-time network devices including core and access routers, core and access switches
• Coordinate and escalate the issues with different TDM and VoIP international carriers and provide them support for solving their issues related to Routing, ASR, Call Failure, Call quality etc. in minimal possible time.

Broadband Supervisor, *PTCL* 2009 − 2011

Summary: Configuring different ADSL routers and modems solving different problems regarding DSL, IPTV, Evo, and locking different complaints. Work with the team leader to manage the floor. Provide technical support for usability issues and critical site problems, as needed.

Education

Bachelor in Telecom Systems, *Beaconhouse National University* ⬏ 2005 − 2009

SOFT & HARD SKILLS

Languages: *(Python [PyTest, Great Expectations, scikit-learn, pandas, NumPy, genism, spacy, TensorFlow, Keras PySpark], SQL [Postgres, MySQL, Oracle])*

Applications: *(Docker, Kubernetes, Airflow, GCP [BigQuery, AI Platform, Dataflow], AWS [Amazon SageMaker, Amazon S3, Amazon Athena, Amazon Glue, AutoML], H2O [AutoML, ML models], RapidMiner, Streamlit, Flask, Databricks/PySpark, MLflow FastAPI, Jenkins, Github Actions)*

Data Visualization *(Tabluea, Matplotlib, Seaborn, Facets)*

Courses

Deep Learning Specialization, *Coursera − deeplearning.ai*

Machine Learning Engineering for Production (MLOps) Specialization, *Coursera − deeplearning.ai*

TensorFlow: Advanced Techniques, *Coursera − deeplearning.ai*

IBM Data Science, *Coursera − IBM*

Machine Learning on Google Cloud, *Coursera − Google*

Practical Machine Learning on H2O, *Coursera − H2O.ai*

Organisations

WEBINAR on Tensorflow Developer Certification & Deeplearning ⬏
Dice Analytics requested to do a WEBINAR on the new Tensorflow developer certification.