

Tariq Dwekat

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SOFTWARE ENGINEER

Cloud Application Modernization | Data Engineering | DevOps | Data Analysis | Automation Scripting | Serverless Architecture

Adaptable Software Engineer with keen problem-solving skills, the capability to learn quickly, and a high-spirited attitude that allows for exceptional contribution to teamwork.

- Strong core software development skills with corporate experience in data engineering, automation, and DevOps
- Proficiency with cloud-based app modernization leveraging platform as a service (PaaS) architecture in Google Cloud Platform

TECHNICAL SKILLS

- **Languages & Frameworks:** Python, Pyspark, SQL, C++, Java, C#, Linux, Pandas, Scikit-learn, Apache Spark
- **Cloud Technologies:** GCP, AWS
- **Data Engineering Tools:** Airflow, DBT, Databricks, BigQuery, Spark.
- **Tools:** Git, GitHub, Terraform, Docker, Kubernetes, Oracle SQL Developer, MongoDB, Jira, Splunk, Grafana

PROFESSIONAL EXPERIENCE

Software Engineer - Specialist, Charles Schwab | Westlake, TX Jan 2023 – Current

- Migrated an on-premises database to GCP BigQuery and automated daily data processing pipelines for class-action lawsuits, reducing manual intervention by 80%
- Architect telemetry systems and real-time Grafana dashboards to monitor application performance, reducing incident response times by up to 30% to consistently meet SLOs
- Collaborated with DevOps teams to migrate CI/CD pipelines from Bamboo to GitHub Suite, reducing deployment times by up to 40%
- Automated network configuration changes on Linux servers by writing Ansible script improving deployment consistency and reducing setup time by 60%
- Mentored interns and junior engineers in CI/CD, and Agile workflows

Network Reliability Engineering Intern, Adobe | San Jose, CA May 2022-Aug 2022

- Developed a Python script and MySQL database to automate certification renewal and validation, identifying over 100 expiring certificates and reducing manual time spent renewing by 90%

Network Engineering Intern, Verizon Business | Tampa, FL Jun 2021-Aug 2021

- Built a Python-based ETL pipeline to track Dark Fibers in the Southeast market (25% of market share) and developed a Tableau dashboard for real-time visibility

Network Engineering Intern, Verizon Wireless | Charlotte, NC Jun 2020-Aug 2020

- Automated project due date assignments and capital reallocation with SQL-driven database solutions, enabling budget adjustments of up to 5%

PROFESSIONAL COURSES & CERTIFICATIONS

- Google Certified Associate Cloud Engineer, Google Professional Data Engineer (In-Progress)

PROJECT EXPERIENCE

Event Lead, Dwekicks Foundation | Dallas, TX Jun 2023 – Current

- Executed engaging charity events, attracting 1,000+ attendees and raising over \$10,000 to charity

Undergraduate Researcher, Doran's Lab | Raleigh, NC Aug 2018 – May 2022

- Developed machine learning models using PANDAs from League of Legends Data

EDUCATION

North Carolina State University | Raleigh, NC

Dec 2022

B.S. in Computer Engineering