Tariq Dwekat

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SOFTWARE ENGINEER
Cloud Application Modernization | DevOps | Data Analysis | Automation Scripting | Serverless Architecture

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

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

TECHNICAL SKILLS

- **Languages:** Python, C++, C#, SQL, Java, JavaScript
- **Frameworks and Libraries:** Linux, Pandas, Scikit-learn, Apache Spark
- **Tools:** Visual Studio Code, Git, GitHub, GitHub Copilot, Terraform, Git CI, Bamboo, Docker, Kubernetes, Oracle SQL Developer, Jira, Splunk, Grafana, Tableau
- **Cloud Technologies:** GCP, AWS, Compute Engine, Cloud Functions, Google VPC, Cloud SQL

PROFESSIONAL EXPERIENCE

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

- Migrating on-premises physical servers and containerized applications to the **Google Cloud Platform (GCP)** to drive a 30% improvement in scalability and resource optimization
- Monitor application performance using Grafana and Splunk, reducing incident response time by 30% consistently meeting company set Service Level Agreements
- Collaborated with DevOps teams to migrate CI/CD pipelines from Bamboo to GitHub Suite, reducing application deployment times by 40% and production deployment errors by 30%
- Automated daily production reports using Python scripts, saving 4 hours of manual work weekly
- Led a team of interns, offering guidance on project-related tasks and technical issues

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% and manual errors by 25%

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

- Built a Python-based ETL pipeline to automatically identify and track Dark Fibers in Verizon's Southeast market, making up 25% of fiber market share, and created a Tableau dashboard for real-time tracking and visibility

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

- Built a database generating SQL queries to automate project due date assignments and capital reallocation, allowing for budget adjustments of up to 5% for the current year.

PROFESSIONAL COURSES & CERTIFICATIONS

- Google Certified Associate Cloud Engineer, AWS Certified Cloud Practitioner (In Progress)

PROJECT EXPERIENCE

Event Manager, Guardians Foundation | Dallas, TX Jun 2023 – Current

- Orchestrated fun and engaging charity events for 1000+ attendees, raising $5000+ across events

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

- Applied data science methods in **Python** with **PANDAS and Scikit-learn** frameworks to construct machine learning models and write collaborative technical articles

EDUCATION

North Carolina State University | Raleigh, NC Dec 2022
B.S. in Computer Engineering