Arlington, VA

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Michael Gallo 

# CAREER PROFILE

*Self-driven Software Engineer with five years of progressive experience supporting infrastructure, designing customized software solutions and tools, and leading deployments in the e-commerce and banking industries.*

**Core competencies include:** *Software Development, Containerization, Configuration Management, Automation, Infrastructure Development, Pipeline Deployment, Continuous Integration, System Monitoring, Resource Administration, DevOps , GraphQL, Continuous Integration (CI) , Continuous Delivery (CD), Vulnerability Management*

EXPERIENCE

## **Senior Software Engineer, Accenture PLC** *— (remote)*

July 2021-Present

* Designed and implemented automated testing plan for federated Golang GraphQL data mesh for a top 15 bank. This plan verifies smooth interoperability between custom code generation, internal libraries, and the client’s internal devops tools to ensure maturity prior to releasing for our internal customers.
* Designed canary migration plan to move life traffic from legacy monolothic GraphQL service to modernized federated system running in parallel without impacting live traffic.
* Served as the DMN subject matter expert for a major bank, developing protocols for a custom rule engine and transferring client knowledge for future business logic deployment.
* Developed a custom-tailored Python XML diff tool for comparing DMNs, leveraging the lxml library to automatically generate human-readable explanations of changes within a DMN.
* Led vulnerability remediation for Docker containers and infrastructure by updating and testing Amazon Machine Images (AMIs) and orchestrating Jenkins deployments of updates.

## **Python Developer, JD Sports WM** *— Edison, NJ*

February 2019-July 2021

* Unlocked 400% year over year growth by utilizing Python to re-engineer product analysis and sales reporting software. Analytics software enabled automatic filtering of over 95% of SKUs in wholesale catalogs by aggregating data from Amazon and Keepa APIs as well as JD Sport’s own listings, massively increasing productivity in catalog growth.
* Transformed sales reporting processes, transitioning restocking process from a monthly to daily frequency . Streamlined inventory management, eliminating manual efforts in assessing profitability of recently sold listings. This improvement, through increased standardization and automatic distribution to all relevant parties, enabled the growing back-office to more easily collaborate.
* Served as the primary purchaser for six key wholesale accounts with annual spend per account of up to $500k .

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# CERTIFICATIONS

## **Google Cloud Platform Associate Cloud Engineer (GCP), Google** (August 2022)

**AWS Certified Developer - Associate, Amazon** (April 2024)

**Microsoft Certified Azure Fundamentals, Microsoft** (Feb 2023)

# SKILLS

*Python, Bash Scripting, Ansible, Go, Linux, AWS, Google Cloud Platform, Docker, GraphQL, Gqlgen, Jenkins, GitLab CI, GitHub, Google Cloud Build, Google Cloud Run, Firestore , Ubuntu, Cloud Formation, PagerDuty, Terraform*