

Juan L. Valdivieso

U.S. and European Dual Citizen

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SUMMARY OF QUALIFICATIONS

- Cloud Engineer with a comprehensive background in automation, DevOps, and programming. Highly adaptable to rapidly changing environments and strong communication skills in both technical and non-technical settings.

TECHNICAL SKILLS

- Programming Languages:** SQL, Python, Golang, R
- Operating Systems:** Windows, Linux, Unix
- Database:** SQL Server, Microsoft (MS) Access
- Software:** AWS, Terraform, Jenkins, Kubernetes, Splunk, Docker, Postman, Ansible, Git, Jira, Confluence
- Spoken Languages:** English (Native), Spanish (Proficient)

RELATED EXPERIENCE

DevOps Engineer

Accenture

Arlington, VA

08/2021 – 05/2023

- Configured real-time data streaming using Kafka Streams/Lambda, which increased data processing speeds
- Managed AWS resources using terraform; deployed EC2, ECS, IAM, VPC, SG, Subnets all using IaC
- Monitored Health and Activity of resources using Splunk integrations; CloudWatch Monitors, and DataDog
- Debugged complex Credit Card Data Processing system in Golang, Refactored much of codebase
- Acted as supplemental Code Reviewer for Pull Requests for both IaC configuration and application code changes
- Handled DNS C-NAME/A Record creation & resolutions for various development and production ready services
- Utilized Postman to test single/batch data ingestion for Card services; enforcing schema validation & QA
- Deleted obsolete or decommissioned compute resources across program; cut monthly costs by \$12,000~
- Remediated vulnerabilities by patching dependencies in codebase and looking through Jenkins/Splunk logs
- Scripted a dynamic, batch payload (JMX) to mock ingestion for data validation performance tests (DataDog)
- Automated AWS IAM Role/Policy templates for standardized access control; reducing time spent configuring
- Debugged EC2 instances using SSH to analyze compute resources that were misconfigured or unhealthy
- Lead a bi-weekly onboarding series for new developers and curated training materials to sharpen their skills
- Executed Jenkins Pipeline Deployments; verified resources and infrastructure were present while parsing logs

Junior Analyst

Metropolitan Insurance Agency

Woodbridge, VA

12/2016 – 08/2018

- Managed client SQL database; enforced normalization techniques and regulatory data safety protocols
- Oversaw server agent installations, technical controls, Firewall ACLs, & network troubleshooting using CLI
- Responsible for small, mission-critical network infrastructure; including Allworx clients, switch & server installment
- Handled customer facing position for support; organized B2B meetings and relations on office calendar

EDUCATION

George Mason University (GMU)

Bachelor of Science in Information Systems & Operations Management

Fairfax, VA

May 2021

Minor specialization in Business Analytics

- Major GPA: 3.9/4.00

PROJECT EXPERIENCE

Cardiology Health Screening Application

Application Programming Class

January 2019

- Developed a program in Java that screened patients for COVID-19 & organized their details into a report
- Reports were stored in an S3 Bucket; contamination risk scores were calculated based on a weighted formula

CERTIFICATIONS

- AWS Certified Cloud Practitioner, #5ZM74WP2R21E1PGP May 2022
- DataCamp Intermediate Python, #12787120 Aug 2020
- DataCamp Intermediate R, #11005520 Sept 2019

HONORS & INVOLVEMENT

- Society of Hispanic Engineers (SHPE) Member & Contributor (2018 - Present)
- GMU Certificate of Excellence - Academic Scholar in Top 10% of Class (2021)
- Center for Fine & Performing Arts (CFPA) Medal for Creative Writing - 2x Published in Poetry