

ALIA WILKINSON

DEVOPS ARCHITECT // SOFTWARE ENGINEER

CONTACT



+19494383419



aliawilkinsondev@gmail.com



aliawilkinson.com



Southern California, Remote (PST)

SKILLS

AWS Architecture
Azure Architecture
Cloud infrastructure
Automation - application engineering
Continuous Integration/Continuous Deployment (CI/CD)
Configuration management
Infrastructure as Code (IaC)
Containerization (Docker, Kubernetes)
Scalability
High availability
System architecture (AWS and Azure certified)
Deployment orchestration
Version control (Git, TFVc)
Azure DevOps
Monitoring and alerting
Incident management
Agile
Scripting (Bash, Python, PowerShell)
Security best practices
Infrastructure optimization
Performance tuning
Infrastructure cost management
ReactJS

EDUCATION

BSc, STS, GIS

Cal Poly Pomona, 2015

LANGUAGES

English

Spanish

PROFILE

Hi, I'm Alia. I'm a DevOps Architect with a background in application software engineering, data engineering, and web development. I love to streamline processes to make pipelines and applications more efficient. I'm also a fan of finding unique ways to optimize costs and team building. I'm looking forward to being in touch.

WORK EXPERIENCE

DevOps Architect

Amazon Web Services | [Site](#)

Nov 2022 - Present

- Professional Services Consulting for AWS, Certified Architect
- Built an Amplify React application to help operations engineers migrate services and business apps faster with fewer errors.
- Educated the team on how to develop and deploy web applications in a cost-effective, secure, and efficient manner.
- Built automated CI/CD pipelines in CodeDeploy.
- Created AWS's Cost Optimization rubrics and training programs for Cloud.
- Revamped AWS's Container training program for containers on AWS.
- Received official positive customer feedback for training and fine tuning customer pipelines and applications

Senior DevOps Engineer

loanDepot LLC | [Site](#)

Jan 2020 - Nov 2022

- Managed 1200 components and 800+ both on-prem (f5, VMWare, a closet in Foothill Ranch) and Azure (VMs and SaaS/PaaS).
- Promoted from Mid to Senior Engineer in 2021.
- Utilized PowerShell automation to orchestrate all on-prem releases, with release configurations managed in a custom CMDB built on ELK stack.
- Designed version control systems for disaster recovery and a hotfix environment, implementing semantic Git versioning for bicep modules stored in the Azure Container Registry.
- Built LD's first dockerized build pipeline to build and release a Chrome extension.
- Developed approximately 75% of training material, mentored mid and junior engineers, and conducted PowerShell proficiency interviews for new hires.
- Conducted application troubleshooting in Dynatrace, Kibana, and traditional diagnostic methods.

Software Engineer

COFEBE Inc. | [Site](#)

Nov 2022 - Jan 2020

- Promoted from Software Engineer to Team Lead on data projects.
- Built a data pipeline and data lake using backward-compatible code with Python (2.7 and 3.x), AWS Redshift, AWS Athena, AWS CodeDeploy, Luigi, etc.
- Wrote QA test scripts in Bash for multiple pipelines and unit tests for all code delivered in Python.
- Created SQL transform scripts for PostgreSQL.
- Organized and directed internal talent, working closely with clients to execute requirements.
- Collaborated with an internal team using PHP 7.1 and Python 3.7 to develop a web application that mocks APIs for front-end developers.