

Jose Arosemena

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DevOps Engineer

DevOps Engineer with proven expertise in automating and optimizing business processes through cloud-native solutions. Experienced in designing, deploying, and maintaining serverless applications and CI/CD pipelines across AWS, Azure, and GCP. Adept at leveraging Python, Boto3, and AWS services to streamline operations, reduce costs, and ensure system reliability. Skilled in collaborating with cross-functional teams to deliver scalable and efficient cloud infrastructure.

Key Skills

Python | SQL | Boto3 | AWS CLI | AWS CloudFormation | AWS Lambda | CI/CD | Git (GitLab and GitHub)
Azure | GCP | Serverless Architecture | Cloud Automation | AWS VPC | Splunk

Professional Experience

Asurion, Nashville, TN

September 2022 - November 2024

DevOps Engineer

Designed, deployed, and maintained scalable, serverless applications using Python, SQL, Gitlab CI/CD, BOTO3 SDK, AWS Serverless Application Model (SAM), DynamoDB, Lambda, and API Gateway to automate business-critical processes.

- Automated the removal of idle AWS resources using Python and Boto3, reducing resource costs by 100%.
- Built a centralized AWS Health Alerts pipeline that integrated with BigPanda for automated ServiceNow ticketing and an internal alerting database, improving incident response and visibility across the enterprise
- Enforced consistent logging configurations for 200+ AWS accounts using AWS Lambda and Python, ensuring proper storage in regional S3 buckets.
- Automated key internal tasks improving developer efficiency and system reliability
 - Implemented Gitlab-to-Github repository mirroring using API automation, increasing redundancy and version control resilience
 - Integrated ServiceNow workflow with AWS DynamoDB, enabling automatic creation of valid "Platform" tags for AWS resources, streamlining resource governance
- Provided multi-cloud support to internal customers, troubleshooting networking, infrastructure, and cloud security issues, ensuring high availability and compliance.

Asurion, Nashville, TN

May 2022 - August 2022

Software Engineer Intern

Supported the development and integration of automated workflows to improve operational efficiency and infrastructure management.

- Implemented Proof-of-Concept automated workflows in BigPanda using GitHub Actions and Python.
- Assisted in retagging enterprise servers for accurate server inventory management using PowerShell.

Codepath, Miami, FL

January 2022 - May 2022

Android Tech Fellow

Delivered Android development training and technical support while managing the operations of hybrid courses.

- Provided technical support and mentorship to ensure student success in labs and assignments.
- Managed course operations, including attendance and sponsor coordination.

Certifications

AWS Certified Solutions Architect (Associate) | AWS Certified Cloud Practitioner

Education

Bachelor of Science, BS, in Computer Science

Florida International University, Miami, FL

May 2019 - May 2022