

Jose Arosemena

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PROFESSIONAL EXPERIENCE

ASURION

Nashville, TN

DevOps Engineer

SEPTEMBER 2022 - November 2024

- Developed, deployed, and maintained serverless applications and CI/CD pipelines using AWS Serverless Application Model to enhance various business processes.
 - Automated removal of abandoned AWS resources in test accounts with custom application using Python, Boto3 SDK and SQL, eliminating idle resource costs by 100%
 - Centralized AWS Health Alerts into a single pipeline using AWS Event Bridge that integrated with BigPanda via AWS Lambda to automatically generate ServiceNow tickets and feed alerts into the internal company alert database.
 - Enforced consistent logging configurations for Load Balancers across 200+ AWS accounts, ensuring proper storage in region-specific AWS S3 buckets, including automated bucket provisioning for new regions as they became available.
- Streamlined internal workflows:
 - Implemented push mirroring across all GitLab repositories via custom logic, ensuring redundancy by syncing to GitHub on any push to a GitLab repository using GitLab and GitHub APIs.
 - Automated creation of valid "Platform" tags for AWS resources by triggering workflows in ServiceNow to post to AWS API Gateway and update AWS DynamoDB tables programmatically
- Provided multi-cloud support to internal customers across AWS, Azure, and GCP, addressing challenges in network debugging, infrastructure deployment, and general cloud architecture consultation.

ASURION

Nashville, TN

Software Engineer Intern

MAY 2022 - AUGUST 2022

- Implemented Proof-Of-Concept for automated workflows in BigPanda via GitHub Actions and Python.
- Assisted in server inventory maintenance by retagging enterprise servers appropriately using PowerShell modules.
- Collaborated with cross-functional teams to set up BigPanda integrations for incident monitoring.

CODEPATH

Miami, FL

Android Tech Fellow

July 2021 - Dec 2021

- Completed 8 weeks of Android training using Android Studio, Java, Parse, and the Twitter API
- Managed operations for a hybrid Android course, including attendance, course reviews, and sponsor coordination.
- Provided technical support during labs and assignments to help students stay on track.

iOS Tech Fellow

July 2021 - Dec 2021

- Received 8 weeks of technical iOS training using technologies such as Xcode, Swift, Cocoapods, Alamofire and Lottie
- Managed operations for a hybrid iOS course, including attendance, course reviews, and sponsor coordination.
- Provided technical support during labs and assignments to help students stay on track.

SKILLS & TECHNOLOGIES

- Technical Skills: Python, SQL, Boto3, AWS CLI, AWS CloudFormation, AWS Lambda, Git (Gitlab & Github), HTML/CSS, CI/CD, Azure, GCP, Object-oriented programming
- Certifications: AWS Certified Solutions Architect (Associate), AWS Certified Cloud Practitioner
- GitHub: <https://github.com/josearosemena>

EDUCATION

FLORIDA INTERNATIONAL UNIVERSITY

Miami, FL

Bachelor of Science in Computer Science

Graduated: May 2022

FORDHAM UNIVERSITY: COLLEGE OF ROSE HILL

Bronx, NY

Bachelor of Science in Biological Sciences

Graduated: December 2017