

NICOLE PYZZA

DEVOPS | CLOUD | SITE RELIABILITY ENGINEER

CONTACT

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- Phoenix, AZ

CERTIFICATIONS

- AWS:** Certified Cloud Practitioner
- AWS:** Certified Developer, Associate
- HashiCorp:** Terraform Associate

SKILLS

Languages/Frameworks: Javascript, Node.js, Typescript, React, Python, SQL, Powershell, Jest, Bash

IaC: Terraform, CloudFormation

AWS: EC2, S3, DynamoDB, Lambda, SQS, SNS, RDS (Aurora), DataSync

CI/CD: Jenkins, GitHub Actions, Azure Pipelines

EDUCATION

Certificate | Full Stack Web Development

Georgia Institute of Technology

2020

B.S. | Business Administration, Marketing

University at Albany - SUNY

2015

PROFILE

With nearly four years of experience in the cloud universe, I've evolved from a DevOps engineer to a cloud consultant, gaining a wealth of knowledge along the way. As a Site Reliability Engineer, I thrive in dynamic environments, ensuring the seamless operation of systems and applications. Now, as I relocate to Arizona, I am eager to bring my expertise and adaptability to a new role that aligns with my passion for cutting-edge technology and innovation.

WORK EXPERIENCE

Site Reliability Engineer II

Cox Automotive

November 2023 - Present

- Orchestrated and completed 21 RDS Aurora encryptions, exceeding the ADR initiative target by end of year, showcasing proficiency in database security measures.
- Leveraged expertise in Projen to become a subject matter expert, facilitating the migration of pipelines from Jenkins to Github Actions, resulting in a 67% increase in pipeline adoptions within one month.
- Actively participated in monthly on-call rotations, providing support to development teams and gaining valuable insights into various technologies and operational procedures.
- Led significant production deployments, including complex tasks such as RDS encryption, demonstrating strong project management skills and a commitment to organizational goals.

Consultant - DevOps, Cloud

Slalom

December 2021 - November 2023

- Directed the management of complex infrastructure and microservices using Terraform and Jenkins, ensuring efficient deployment and scalability.
- Spearheaded a transformative project for Foundation Medicine, developing an application that streamlined data processing from hospitals' on-premises systems to provide critical information for cancer treatment plans. Reduced turnaround time from days to under two days, leading to potentially life-saving improvements, while also increasing project velocity by 1.5x through enhanced teamwork and efficient workflow strategies.
- Engineered a sophisticated pipeline at Bridgestone to deploy application code onto autoscaling EC2 instances. Leveraged Azure DevOps, S3, EventBridge, CodePipeline, and CodeDeploy to streamline the deployment process.
- Delivered a rapid and intricate microsite project for Virgin Voyages Sea Blazers within a tight two-week timeframe, collaborating closely with UI designers and utilizing technologies like React and Parallax. Successfully adapted to evolving requirements and client feedback, demonstrating agility and adaptability in fast-paced environments.

Associate DevOps Engineer

Infor

January 2021 - December 2021

- Executed a successful migration of a microservice-based application from AWS to Azure, leveraging Terraform to deploy infrastructure.
- Played a pivotal role in the upkeep of AWS Lambdas, contributing expertise in Python to ensure their continued functionality and efficiency.