

SUMMARY

Enthusiastic engineer with over 6 years of experience in cloud infrastructure, proficient in Azure DevOps and infra code modules, a driving force behind several high-stakes deployment projects.

EXPERIENCE

Senior Azure DevOps Engineer

Microsoft

01/2018 - Present

Washington, D.C.

- Developed a comprehensive tagging governance model, successfully integrated into existing workflows, reducing misconfigurations by 20%
- Automated resource provisioning using Azure Bicep, leading to a 30% improvement in deployment speeds across multiple projects
- Constructed and managed YAML-based pipelines optimizing reusable job and step templates, which increased pipeline efficiency by 25%
- Implemented Azure PaaS best practices, contributing to a 15% reduction in operational overhead
- Led a technical initiative that standardized resource naming conventions, resulting in enhanced tracking and management of cloud resources
- Provided critical Azure engineering support resulting in a 99.9% uptime for high-priority development environments

Azure DevOps Specialist

Amazon Web Services

06/2014 - 12/2017

Seattle, WA

- Designed and deployed scalable infrastructures using Azure Bicep, achieving a deployment success rate of 98%
- Enhanced team productivity by sharing Azure best practices, resulting in a 40% reduction in deployment issues
- Provided PowerShell scripting expertise for automation tasks, saving over 400 man-hours annually
- Drove a 10% cost reduction by implementing effective resource management strategies using Azure Cost Management tools
- Conducted advanced research on cloud technologies, informing strategies that capitalized on new Azure Cloud capabilities

Cloud Automation Engineer

Google Cloud

02/2011 - 05/2014

Mountain View, CA

- Engineered cloud automation solutions, decreasing manual intervention by 50%
- Contributed to the development of new orchestration tools which accelerated service deployment by 35%
- Executed root cause analysis for critical cloud operations, enhancing system reliability
- Supported the creation of the technology roadmap, influencing future cloud platform development

EDUCATION

Master of Science in Information Systems Technology

George Washington University

01/2010 - 01/2012

Washington, D.C.

Bachelor of Science in Computer Science

University of Maryland

01/2006 - 01/2010

College Park, MD

PROJECTS

Bicep Module Registry

A community-driven module registry for Azure Bicep to share and reuse infrastructure codes.
github.com/BicepModuleRegistry

YAML Pipeline Templates

Open source collection of YAML pipeline templates facilitating reusable DevOps practices.
github.com/YAMLPipelineTemplates

KEY ACHIEVEMENTS

Led the DevOps Community of Practice

Spearheaded a Developer Community of Practice, increasing deployment success rates and best practice adoption by 50%.

Optimized Cloud Service Deployment

Directed cloud service deployments that consistently achieved uptime targets and service level agreements.

Azure Cloud Capabilities Advocate

Proactively updated technical teams on evolving Azure Cloud capabilities, ensuring adoption of cutting-edge features.

Resource Naming Standards Pioneer

Developed and implemented resource naming standards that were adopted company-wide, enhancing resource tracking and control.

SKILLS

Azure DevOps	YAML Pipelines
Azure Bicep	Infrastructure as Code
PowerShell	ARM Templates

LANGUAGES

English
Native



Spanish
Advanced

