

Alexander Caesar

DevOps Consultant

Work Experience

Chipotle Mexican Grill, Remote — *Consultant* 2024 — Current

- Executed Cybersecurity remediations to reach compliance with Wiz and Microsoft Defender for Cloud against Azure Cloud and Azure Arc-enabled Kubernetes platform while collaborating with AppDev and Security teams.
- Integrated Azure Cosmos DB and Azure Secrets Store Container Storage Interface (CSI) driver with Azure Key Vault for containerized applications to authenticate via Cosmos software development kit (SDK).
- Developed and maintained Terraform modules for Azure resources ensuring backwards compatibility, import options, variable level scaling, defaults for best security practices, and documentation for several internal groups.
- Developed and deployed Helm charts for K8's tools across multiple regions and clusters.
- Migrated continuous integration continuous deployment (CI/CD) from graphical user interface (GUI) to yaml pipelines (pipelines as code).
- Architected Azure Kubernetes Service (AKS) Terraform modules for core K8's components and third-party integrations, such as Linkerd Service Mesh and Gloo Gateway Ingress, as well as the module usage pattern across git repositories.
- Designed a multi-tenant AKS cluster namespace isolation and role-based access control (RBAC) model with a complementary Argo CD High Availability (HA) solution.
- Supported various internal customers, including Release and Site Reliability Engineering, to build out necessary infrastructure or develop a platform level practice and implementation.

L3Harris, Greenville, TX — *Software (DevOps) Engineer TS/SCI* 2022 — 2024

- Developed Java and C++ microservice applications for in-house AI/ML framework for a data streaming system.
- Consulted for AWS GovCloud adoption proposal for DoD IL4 managed via Terraform.
- Built out self-rotating certificate identity management network playbooks in Ansible.
- Wrote Python and Bash automation scripts for standing up Secure Integration lab environments running VMware ESXI virtual machines.
- Collaborated with Software and System Engineers in an Agile Scrum setting to deliver more automation, new features, and increase the reliability of the software products.

Mr. Cooper, Coppell, TX — *DevOps Engineer Intern* 2021 — 2021

Skills

Programming Languages: Java, JavaScript, C++, Python, GoLang, SQL, Bash, PowerShell.

Software Technologies: Microsoft Azure, Google Cloud Platform (GCP), Amazon Web Services (AWS) Terraform, Docker, Kubernetes (K8's), Helm, Podman, GitHub/Lab, Azure DevOps, Ansible, Rancher, New Relic, MySQL, PostgreSQL, OSGI, Jenkins, Maven, Gradle, CMake, MERN Stack.

Technical: UML, GUI, Multi-Domain Debugging, Version Control, Test-Driven Development, App Development, Software Documentation, Jira, Confluence, Agile, Scrum.

Education

Colorado State University – *B.S. in Computer Science with a 4.0 GPA*

2022