Alexander Caesar

DEVOPS CONSULTANT

EXPERIENCE

CHIPOTLE MEXICAN GRILL — DEVOPS CONSULTANT

June 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 thirdparty 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 — 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.

MR. COOPER – DEVOPS ENGINEERING INTERN

June 2021 – April 2021

OBJECTIVE

Seeking a DevOps position to develop and implement industry leading technology at scale with a company that has a culture of excellence, innovation, collaboration, and growth.

EDUCATION

Colorado State University, 2022
BA of Science, Computer Science
GPA 4.0/4.0

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.