



DONALD ELLIS

DevOps Engineer

PROFILE

Experienced professional with a track record of successfully installing and supporting diverse technologies. Agile learner with a keen ability to quickly grasp new concepts and apply them effectively. Motivated self-starter who excels both as an independent contributor and a collaborative team member.

CONTACT

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SKILLS

Kubernetes
Helm
Linux Administration
Windows Administration
Ansible/Tower
Jenkins
Azure
PowerShell/Bash
HAProxy
C#, JavaScript, Python, Go, Java
Docker
Splunk
Prometheus
Grafana
Zabbix

CERTIFICATIONS

Certified Kubernetes Administrator The Linux Foundation
2021 - 2024
Credential ID: LF-kbb3uhxk0v
<https://training.linuxfoundation.org/certification/verify>

WORK EXPERIENCE

Virginia Alcoholic Beverage Control Authority Systems Engineer
2018–Current
Administration of Linux and Windows servers. Configuration of middleware including WebLogic, Apache, IIS, Tomcat. Developer support utilizing tools such as Gitlab, Jenkins, SonarQube, Nexus.

KEY PROJECTS

Infrastructure Automation through Ansible Roles and Configuration as code
Created custom roles for rapid and consistent server creation in Azure, adhering to backup policies and naming conventions. Established baseline OS for Windows and Linux machines with automated installation of custom applications, certificates, and NIST hardening. This has increased uptime and improved system documentation.

Implemented Kubernetes Cluster for High-Traffic Website
Led the migration of a high-traffic website to a cloud-native solution capable of handling peak traffic during sales season. Designed and built an Azure Kubernetes Service cluster, integrating Redis and SQL Server hosted solutions. Collaborated with the development team to establish a CI/CD pipeline for deploying containerized applications. The new solution enables seamless scaling without manual intervention, along with self-healing and zero-downtime deployments.

Increase System Observability
Increased system observability by deploying Prometheus and Grafana to create a centralized monitoring system. This allowed for better visibility into the entire organization's performance, from an overhead view down to single application performance. The result was improved problem identification and faster response times.