JULIA IMMER

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INTRODUCTION

Passionate, detail oriented engineer who thrives tackling difficult problems. Easily adaptable to new languages & tech, with experience in CI/CD, AWS, Linux systems, Kubernetes, Python, and Proof-of-concept.

EXPERIENCE

DEVOPS ENGINEER
Charter Communications / Contract / February 2023 - November 2023

- Deployed & configured infrastructure & CI/CD tools: K8s clusters, AWS, VMs, network interfaces, DNS, Jenkins pipelines, Jenkins masters & nodes, Terraform, security groups, EKS, Rancher, agent rollouts, load balancers, auto-scaling groups, ISOs, OVFs & custom images, AWX, certificates, Centrify, AD
- Maintained & created automation for managed systems: Python, Ansible, Terraform, Jenkins, custom Jenkins libraries, debugging & updating scripts in python & bash, AWS instance cleanup, FreeIPA & Bastions, RBAC, Ingress, version control, access & authorization, certificate management, agent rollout/configuration
- Provided support for critical infrastructure, assisting teams & CI/CD systems across the lab, responding to emergency outages, communicating with engineers to management. Jira
- Performed security analysis & patching for Linux systems, ex: kernel, OpenSSL, OpenSSH
- Proof-of-concept: Unblocked team after 2.5 mo deploying kubernetes 1.24 with kOps, OpenSSL security patch, fully refreshed Rancher Kubernetes deployment MOP, developed kubernetes API deployment guide saving teams debugging time. Wrote & updated How-Tos & MOPs on CI/CD, security, critical infra.
- Instigated several positive operational changes, clearing key team pain points, improving moral, ex: Office hours for overloaded PE, team-wide documentation refresh strategy, security patching process improvement, version control use & adoption, management & team communication

SOFTWARE ENGINEER INTERN
Six3 Advanced Systems / CACI International / May 2022 - August 2022

- Application Key Infrastructure: Designed, developed & deployed to Kubernetes via Gitlab CI/CD a Heimdall authorization microservice + client library. Utilized Docker, Helm, Maven, Redis, Java, Git, Jira, & Linux env.
- The AKI issued & validated tokens signed via encryption. Then throttled via cached rules & accesses.
- Followed Agile sprint model with daily scrum, & planning. Generated & maintained critical documentation.
- Proof-of-concept: Gitlab pipelines, Quarkus, Heimdall.

EDUCATION

UNIVERSITY OF COLORADO BOULDER
Applied Computer Science, Post-Bacc Bachelor of Science - 2021 to 2022 - 3.86 GPA

UNIVERSITY OF CENTRAL MISSOURI
Mathematics, Bachelor of Science, Minor Physics - 3.72 GPA, Cum Laude, Dean's List

LINUX FOUNDATION
KCNA: Kubernetes and Cloud Native Associate Certification - January 2023

SKILLS

AWS, Kubernetes, kOps, Ansible, Jenkins, Linux, Gitlab CI/CD, Git, Terraform, Virtual Machines, Networking, DNS, Agent installation/configuration, Containerization, Bash, Python, Centrify for AD, Encryption, Authorization, Proof-of-Concept, CVE Patching, Docker, Maven, Helm, Java, C++, Testing, Debugging, Jira, Agile, Research, Thinking-outside-the-box, Project Management, Effective Communication, Writing, Teaching, Graphic Design, Sales, Leadership, Negotiation