JULIA IMMER

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INTRODUCTION

Passionate, detail oriented engineer who thrives tackling difficult problems. Easily adaptable to new languages and tech, with experience in AWS, CI/CD pipelining, Ansible, scripting, and infrastructure support. Kubernetes certified.

EXPERIENCE

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

- Deployed, configured, managed over 2 dozen infrastructure & CI/CD tools: K8s clusters, AWS, VMs, network interfaces, DNS, Jenkins pipelines, Jenkins masters + nodes, Terraform, EKS, Rancher, agent rollouts, load balancers, auto-scaling groups, IAM, OVFs, custom images, AWX, certificates, Centrify, AD, Datadog, bastions, FreeIPA, Imperva, Gitlab instances + runners, Artifactory, Bitbucket, FreeIPA & Bastions, RBAC, Ingress.
- Maintained + created automation for managed systems: Python, Bash, Ansible, Terraform, Jenkins, custom Jenkins libraries, Helm, debugging, testing. Ex: AWS instance cleanup, patching, agent rollouts.
- Provided support for critical infrastructure, assisting teams & CI/CD systems across the lab, responding to emergency outages both on premise and in AWS, communicating with engineers to management. Jira
- Performed security analysis, compliance, & patching for Linux systems, ex: kernel, OpenSSL, OpenSSH, SNMP
- Proof-of-concept: Unblocked team after 3 mo deploying kubernetes 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.
- Initiated several positive operational changes, clearing key team pain points, ex: Office hours for overloaded PE, documentation refresh strategy, patching process improvement, version control adoption.

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, Registries
- 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, Bandwidth Speed Test in Java.

SKILLS

Kubernetes, AWS, Ansible, Jenkins, Linux (RHEL/Centos, Ubuntu), Gitlab CI/CD, Git, Terraform, Bash, Python, Docker, Helm, Virtual Machines, Vsphere & Vmware, Networking, DNS, Ingress, Containerization, Agent installation/configuration, SSO, IAM, Encryption, Authorization, Proof-of-Concept, Compliance, CVE Patching, Kenna, Maven, Java, C++, SQL, HTML, CSS, Testing, Debugging, Jira, Agile, Research, Thinking-outside-the-box, Project Management, Effective Communication, Writing, Teaching, Graphic Design, Sales, Leadership, Negotiation, DIY

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

ENTREPRENEURSHIP

PROFESSIONAL EDUCATOR AND COMMUNITY LEADER
Colorado / September 2012 - May 2021
- Founded two in-person & two online educational communities. Brought in international experts. Designed, marketed, led empowerment workshops. Sold one org. Coached hundreds of private clients. HTML, CSS

PERFECT PITCH PROMOTIONS - Increased sales for local startups, organizing+hosting sales & marketing events
EMERALD MORNING - Designed, produced, marketed original line of luxury natural body care products

RESEARCH

EPISTEMOLOGICAL BELIEFS, CONFIDENCE, AND ACADEMIC PERFORMANCE
- Conducted grant funded research investigating the relationship between math confidence, beliefs about math and academic performance. Grant awarded through the honor's college.