JONATHAN HARDISON

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OBJECTIVE

Senior DevOps Engineer with over a decade of experience in cloud engineering and architecture, primarily in Azure. Proven track record in implementing automation and developing strategies for effective deployment pipelines.

SKILLS

Operating Systems	MacOS, Windows, Linux - Ubuntu
Platforms	Azure, AWS, GCP, VMWare, AKS, GKE, Cloudflare
CI/CD Tools	Jenkins, GitHub Actions, Azure Pipelines, Artifactory, ArgoCD
Automation Tools	Terraform, Ansible, Chef
Languages	Python, Hashicorp HCL, C#, Javascript, NodeJS, Go
Monitoring	Datadog, Prometheus, Grafana, Honeycomb
Security Tools	TFSec, JFrog Xray, Trivy, Dependabot

EXPERIENCE

Staff Software Engineer — Jul 2021 - Present
Jack Henry & Associates, Inc. — *Remote*

- Led DevOps processes and tools modernization for Banno Platform product team, resulting in improved efficiency and reliability of software delivery pipeline.
- Built and managed application and infrastructure CI/CD pipelines.
- Managed Jenkins environment, pipelines, and built new processes and workflows on GitHub Actions, enhancing build and deployment processes for a container based platform.
- Engineered multi-cloud environments (Azure, GCP) including on-premises data centers running VMWare.
- Created ArgoCD instances in multiple teams, and created workflows in GitHub actions to gate and control approved deployments to environments, reducing pipeline delivery time by 60%.
- Created Terraform-based IaC for ongoing infrastructure management of Azure and GCP environments.
- Developed common reusable workflows in GitHub actions for GCP workloads, reducing on-boarding time by 70%.
- Developed additional functionality into Slack-bot allowing for self-service support team rights provisioning, reducing request by 90%.
- Mentored other engineers as part of tech lead responsibilities, improving team productivity.

Solutions Architect, Adv — May 2014 - Jul 2021
Jack Henry & Associates, Inc. — *Springfield, MO*

- Led design and build of Azure-based production and development environments, integrating automation to provision subscriptions and deploy services; demonstrated expertise in managing multi-cloud environments.
- Developed enterprise container strategy leveraging cloud-native and hybrid deployment models with AKS and Docker EE.
- Implemented successful migration strategy for cloud-based platform from AWS to on-premises multi-tenant private cloud, and to Azure; highlighting ability to managed complex cloud migrations.
- Created training path and certification options for operations and engineering teams to ramp up skills on container ecosystems; demonstrating leadership and commitment to team growth.
- Designed strategy for modern application tracing and monitoring; displaying understanding of essential DevOps practices.

Applications Engineer, Sr May 2010 - May 2014

Jack Henry & Associates, Inc. *Springfield, MO*

- Managed installation, servicing, and maintenance of Jack Henry's software middle-ware platform across hosted and customer on-premises locations.
- Developed and delivered training for new versions of an ADFS integrated platform to 20+ engineers, incorporating hands-on labs and scenario testing to reinforce concepts.
- Designed and implemented standardized vendor testing protocols for new third-party consumers against proctored lab environments, leading to an improved customer experiences when utilizing the approved vendors.
- Collaborated with third-party vendors to facilitate API integration, knowledge sharing, for consuming Jack Henry middle-ware.
- Developed and implemented load testing for wires delivery product, utilizing custom C# applications for load generation, resulting in reduction in potential SQL Deadlocks impacting delivery of wires.

Network Engineer Jan 2007 - May 2010

Computer Information Systems, Inc. *Remote*

- Implement and maintain computing infrastructure with VMWare, Citrix, and Hyper-V across multiple customer data centers.
- Reduced install time of product by developing installation support through InstallShield.
- Improve maintenance of customer deployments by assisting in the creation of auto update mechanism.
- Design, deploy, and maintain VPN, Network, and Security equipment to FIPS 140-2 requirements in order to meet FBI, CJIS, and State security requirements.

PROJECTS

Example ArgoCD Repository An example repository of a functional lab deployment for various component with ArgoCD.
[(github.com/jmhardison/hhouse-apps)](github.com/jmhardison/hhouse-apps)

Alexa Skill for Online Game Status Check A NodeJS skill built to validate status of some online games.
[(isgame.online)](isgame.online)

Example Azure KeyVault HSM Faced with the challenge of needing securely signing XML documents, developed a solution using Azure KeyVault HSM as an example for internal teams.
[(github.com/jmhardison/Example-AzureKeyVaultHSM-XMLSigning)](github.com/jmhardison/Example-AzureKeyVaultHSM-XMLSigning)

CERTIFICATIONS AND COURSES

Microsoft Certified: Azure Administrator Associate

KCS Principles v5

ITIL Foundations v3

Fundamentals of Cybersecurity, Codecademy

Google Crash Course on Python, Coursera

Android Basics Nanodegree, Udacity