Jonathan Hardison

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PROFILE

Senior DevOps Engineer with experience in cloud engineering and architecture. Proven track record in implementing automation and developing strategies for effective deployment pipelines.

SKILLS

Operating Systems	MacOS, Windows, Linux (Ubuntu, RHEL)
Platforms	Azure, AWS, GCP, VMWare, Kubernetes(AKS, GKE), Cloudflare, Canonical MaaS
CI/CD Tools	Jenkins, GitHub Actions, Artifactory, ArgoCD, Azure DevOps
Automation Tools	Terraform, Ansible, Chef
Languages	Python, Hashicorp HCL, C#, Javascript, NodeJS, Go
Security Tools	TFSec, JFrog Xray, Trivy, Dependabot, OPA, Snyk
Observability	DataDog, Splunk, Honeycomb, Grafana/Prometheus, OpenTelemetry
Data Platforms	MongoDB, PostgreSQL, Microsoft SQL Server, Azure CosmosDB, GCP Spanner

EXPERIENCE

STAFF SOFTWARE ENGINEER, JACK HENRY; REMOTE – JUL 2021 - PRESENT

- Led DevOps processes and tools modernization for Banno Platform product team, resulting in improved efficiency and reliability of software delivery pipeline.
- Implemented and managed Federated Identity/OIDC across cloud and CI/CD platforms to remove api key usage.
- Built and managed application and infrastructure CI/CD pipelines for multiple products and infrastructure environments.
- Production operational support of AKS and GKE environment and services with auto-scaling services and infrastructure.
- 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) and on-premises data centers running VMWare.
- Created ArgoCD instances and related workflows in GitHub actions to gate and control approved deployments to environments, reducing total pipeline delivery time.
- Created Terraform-based IaC for ongoing infrastructure management of cloud and on-premises environments.
- Developed additional functionality into Go based Slack-bot allowing for self-service support team rights provisioning.
- Mentored other engineers improving team productivity and shared knowledge.

SOLUTIONS ARCHITECT, JACK HENRY; SPRINGFIELD, MO – MAY 2014 - JUL 2021

- 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, JACK HENRY; SPRINGFIELD, MO – MAY 2010 - MAY 2014
- 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 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, COMPUTER INFORMATION SYSTEMS, INC; REMOTE – 2013-2015
- 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.

PRIOR COMPANIES
- Choice Solutions, LLC - Systems Engineer

- United States Air Force - Network, Switching, Cryptographic Systems (2E23)

- eXpert Data Solutions - Systems Engineer

PROJECTS
- Example ArgoCD Repository An example repository of a functional lab deployment for various component with ArgoCD. (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)

- 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)

CERTIFICATIONS AND COURSES
Certified Kubernetes Administrator (LF-orj8gnyyu6)

Microsoft Certified: Azure Administrator Associate (MCID:1753103)

KCS Principles v5

ITIL Foundations v3

Fundamentals of Cybersecurity, Codecademy

Google Crash Course on Python, Coursera

Android Basics Nanodegree, Udacity