J. Scott Ames

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SUMMARY

Highly competent and organized devops engineer with experience designing, implementing and maintaining automated, highly available and secure systems infrastructures and data-center operations across public cloud & on-prem. Precise, articulate and adept in interdepartmental and client communications. Committed to continuous skill development. Eager to take on new challenges and deliver high quality results, particularly in a collaborative setting.

QUALIFICATIONS | SKILLS

- Cloud architecture, automation & security
  - AWS, Google Cloud, Azure
  - Serverless (Lambda) event driven architecture
- Container Orchestration
  - Kubernetes, Nomad, ECS, Docker
- Virtualization
  - VMWare, KVM, Docker, LXC
- Automation, orchestration & configuration management
  - Terraform / Cloud Native, Vagrant, Packer
  - Golang, Bash, Ruby, Python, PowerShell/DSC
  - Puppet, Ansible, Chef, Cloud Native
- Monitoring: Splunk, Nagios, Datadog, Zabbix, Cloudwatch
- High availability and disaster recovery

- Leadership, training & mentoring
  - 5+ years leading team of DevOps engineers, including architecting, planning & executing solutions for internal systems and customer facing products
- Storage Area Networks / Network File Systems
- Server / Cluster Administration w/ focus on opensource
  - Linux (Container Linux [CoreOS], Red Hat, Ubuntu, CentOS, Solaris, Unix), Windows Server
- Networking & Security: VPC, HP, Fortinet, Dell, Nessus
- Systems maintenance and installation
- Database management & automation
  - Cloud native (DynamoDB, Spanner, etc), MySQL, MongoDB

WORK EXPERIENCE

Shujinko | Seattle, WA   2018 — Present
Lead DevOps Engineer

- Shujinko is a software as a service (SaaS) that simplifies, automates, and modernizes IT audit preparation and readiness for enterprises. The Shujinko platform streamlines the complex, manual, and costly process required for companies to successfully prepare for and pass compliance audits

Starbucks Coffee Company | Seattle, WA (Remote from San Francisco, CA)   2016 — 2018
Lead DevOps Engineer

- Engineer highly resilient, repeatable and secure cloud infrastructure written in a declarative model to achieve infrastructure as code at scale.
  - AWS, Terraform, Kubernetes, Ansible, Concourse (CI/CD)

Clustrix | San Francisco, CA   2015 — 2016
IT Infrastructure Engineer

- Engineer and maintain datacenter and cloud infrastructure
  - 300+ physical servers
  - 100+ virtual servers / container services
- Reduced data center power footprint saving $3k recurring monthly costs
- Procure, provision, configure and deploy new infrastructure and services (physical and cloud)
- Design, manage, and maintain automation relied upon by engineering, qa and other teams
  - PXE, kickstart, ansible, puppet, python + bash
- Assess, communicate and remediate risks associated within the IT infrastructure and systems
- Security vulnerabilities, hardware failure, business continuity
- Systematically develop and maintain internal documentation (mediawiki & confluence)
- Manage IT vendor relationships through vendor selection, contract renewals, licensing

CARDFREE | San Francisco, CA   2014 — 2015
Sr. Infrastructure Engineer

- Engineer & maintain enterprise infrastructure through highly available virtualized solutions
  - Focus on engineering back end systems and infrastructure spanning two datacenters to support highly transactional systems
- Created consistent and agile server infrastructure with Puppet (infrastructure as code)
- Implement infrastructure automation eliminating hours of manual processes through scripted jobs and reactionary alerts
- Improve environment health monitoring through Zabbix implementation and Splunk collection analytics, alerts and dashboards
- Develop highly effective working relationship with developers to achieve efficient, successful solutions and code deployments

PROJECTS

Puppet
- Saved hundreds of manual build hours and thousands of dollars by migrating to an open source Puppet cluster from Puppet Enterprise
- Created strong, well documented workflow for contribution and deployment with the use of Git, R10k, Hiera, custom ruby and tests for functionality, style and syntax

Infrastructure Monitoring
- Gained redundant health monitoring & alerting quickly by implementing Zabbix across datacenters utilizing Puppet

Local development platform
- Improved local development through custom production spec'd vagrant images using Puppet, Packer and Vagrant eliminating numerous factors that can cause development and deployment issues downstream

Westerra Credit Union | Denver, CO   2008 — 2014
System Administrator II

- Maintain operations of enterprise server and desktop infrastructure (100+ server, 400+ desktop)
  - Linux, Windows and Unix - Physical & Virtual environment (VMWare + Hyper-V)
  - Primary on Linux environment, Nagios/Orion (Server Monitoring), Puppet/System Center
- Architect & implement internal IT projects to save money, create time efficiencies and reduced manual dependencies
  - Configuration management, change management, power management, vendor management (web based solutions)
  - Ubuntu, Puppet, SVN, Nagios, VMWare
- Manage highly available systems and disaster recovery (performed bi-yearly) between multiple datacenters
- Part of small team which successfully relocated two (primary & failover) datacenters in short time period
- Training/mentoring individuals on processes, solutions and products deployed

EDUCATION | TRAINING

Technical Coursework
Golang, AWS, Cloud Architecture, RHEL, Ubuntu Linux

General Coursework   2006 — 2008
Community College of Denver

School of Engineering   2005 — 2006
University of Colorado at Denver

CHARITABLE WORK | INTERESTS

Impact Ethiopia | Addis Ababa, Ethiopia   2011 - 2014
Ethiopia Community Development
- Developed and implemented internet cafe technical infrastructure in Addis Abeba, Ethiopia
- Plan and coordinate strategic and intentional vision for yearly trips including:
  - Leadership development & partnerships for improving quality of life for elderly, homeless and those with HIV

REFERENCES

References available upon request.