Jamie Harvey

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EXECUTIVE SUMMARY

Experienced engineer specializing in DevOps/SRE/Infrastructure, but comfortable all around the tech stack. Goes above and beyond the responsibilities of the role to exceed expectations. Excels at gathering and using data to support design and implementation decisions. Able to learn a new codebase and make productive contributions quickly. Has worked on projects at all stages of the SDLC, both as a leader and as a contributor.

PROFESSIONAL EXPERIENCE

DevOps/Infrastructure Engineer   **July 2022 – Present**

Files.com   *Remote*

- Successfully integrated services of acquired companies into our existing environment, ensuring seamless transition and functionality.
- Collaborate closely with front-end and back-end teams to identify, troubleshoot, and resolve software bugs, improving overall software quality and user satisfaction.
- Actively participate in on-call service and incident management procedures, demonstrating responsiveness and problem-solving skills under pressure.
- Technologies Used: Ubuntu, AWS, GitLab CI/CD, Ruby, Python, Golang, Kubernetes, Terraform, Chef, Ansible, PagerDuty, Sensu, Grafana, Sentry, Docker, Elasticsearch.

Senior Systems Engineer – Full Time   **June 2018 – July 2022**

Department of Computer Science, UNLV   *Las Vegas, NV*

- Successfully led and mentored a dynamic team of student workers, fostering a collaborative and productive work environment.
- Developed innovative solutions for faculty and students, enabling secure and automated code deployment to production environments.
- Streamlined the deployment process, ensuring efficiency and adherence to best security practices.
- Enhanced network management and efficiency by providing a tailored IPAM solution to meet specific institutional needs.
- Technologies Used: Python, Ruby, Golang AWS, VMWare, Proxmox, RHEL, Active Directory, Terraform, Puppet, Ansible, Prometheus, ELK, Zabbix, GitLab, Jenkins, Kubernetes, OpenStack, Helm, Docker, Cloudera, Spark, TensorFlow.

Systems Administrator – Full Time   **March 2016 – June 2018**

Department of Computer Science, UNLV   *Las Vegas, NV*

- Transitioned all internally used code to robust version control systems, significantly enhancing code management, security, and collaboration.
- Designed and implemented CI/CD pipelines for deploying internal services and code, optimizing the release process, and ensuring security and reliability.
- Technologies Used: Microsoft Server/Desktop, Active Directory, VMWare, Proxmox, RHEL, Puppet, Nagios, ELK, GitLab, Fortinet.

Airborne Infantryman/Team Leader/Company Armorer   **March 2012 – January 2015**
US Army   *Fort Liberty, NC*
- Led a team in challenging and dynamic environments.
- Responsible for millions of dollars of highly sensitive equipment as company armorer.

SKILLS

- Continuous Integration/Continuous Delivery (CI/CD)
  - Created secure, reliable, and fast pipelines for automated code testing and deployment. Heavy experience with GitLab CI/CD, Jenkins, and GitHub Actions.
- Software Development Lifecycle
  - Have worked on projects in all stages of the SDLC. Understanding of how to scale properly. Understanding of business use-cases for services.
- AWS and other Cloud Services
  - Heavy use of AWS services (R53, IAM, EC2, ECS, EKS, Amplify, CloudWatch, RDS, ELB/ALB, etc) with professional and personal projects to create highly-available architecture. Also has light experience with GCP and Azure.
- Security
  - Application, network, appliance firewalls. Work with developers to ensure the security of code and deployment environments. Experience setting up and maintaining VPNs. Experience with SOC, PCI, CMMC, and more.
- Containerization/Kubernetes
  - Experience with EKS, Rancher, OpenStack, and k3s. Experience with ArgoCD,, Helm, kubebuilder, coredns, and more.
- Monitoring and Logging
  - Experience with various monitoring, logging, and SIEM software to be alerted to problems in real-time and prevent incidents and outages.
- Machine Learning/AI
  - Setup and configured on-premise GPU clusters funded by NSF and assisted students with running Machine Learning/AI workloads. Assist students running big data and ML workloads by creating CI/CD pipelines and job scheduling.

EDUCATION

MS, Management Information Systems – UNLV	December 2023
MBA – UNLV	December 2023
BA, Computer Science – UNLV	June 2018
BS, Biology – UNLV	December 2011