

# Jamie Harvey

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## SUMMARY

Experienced engineer comfortable all around the tech stack. Goes above and beyond the responsibilities of the role to exceed expectations. Excellent at working with the team to find ideal solutions. 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 – Current

*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: Linux, AWS, Ruby, Go, Python, Docker, Terraform, Chef, Ansible, Vault, Consul, PagerDuty, Sensus, Grafana, ELK, NewRelic, Sentry, GitLab CI/CD, Kubernetes.

### 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 internal APIs and applications to automate processes, reducing manual effort and errors.
- Enhanced network management and efficiency by providing a tailored IPAM solution to meet specific institutional needs.
- Technologies Used: Linux, AWS, Azure, GCP, Python, Go, Bash, Terraform, Puppet, Ansible, Prometheus, ELK, Zabbix, GitLab, Jenkins, Kubernetes, Helm, Docker.

### 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: Linux, Windows, VMWare, Ruby, Python, PowerShell, Puppet, Ansible, Nagios, ELK, GitLab.

## **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**

- AWS and other Cloud Services
  - Experience with AWS/Azure/GCP/on-premise hybrid environment. Heavy use of AWS services (EC2, S3, Lambda, RDS, EKS, VPC, R53, IAM, ECS, CDK, CloudWatch, ELB/ALB, etc) with professional and personal projects to create highly-available architecture.
- Software Development Lifecycle
  - Have worked on projects at all stages of SDLC. Understanding of how to scale properly. Understanding of business use-cases for services.
- CI/CD
  - Created secure, reliable, and fast pipelines for automated code testing and deployment. Heavy experience with GitLab CI/CD, Jenkins, and GitHub Actions.
- Monitoring/Observability
  - Experience with various monitoring, logging, and SIEM software to be alerted to problems in real-time and prevent incidents and outages. Recently working with OpenTelemetry.
- Databases/MQ
  - Experience with relational (PostgreSQL, MySQL) and non-relational (MongoDB, Redis, Elasticsearch) databases. Experience with message queues (Kafka, RabbitMQ).
- Kubernetes/Containerization
  - Experience with GKE and EKS. Experience with Docker and CRI. Certified Kubernetes Administrator.
- Security
  - Experience working with developers to ensure the security of code and deployment environments. Experience with SOC 2, PCI, CIS, and more.
- AI/Big Data/ML
  - Experience with Hadoop, Spark, Cloudera, hardware GPU clusters, AWS SageMaker, and Kubeflow.

## **EDUCATION**

MS, Management Information Systems – UNLV

December 2023

MBA – UNLV

December 2023

BA, Computer Science – UNLV

June 2018

BS, Biology – UNLV

December 2011

## **CERTIFICATIONS**

CompTIA Security+

Certified Kubernetes Administrator (CKA)