CHIDHVILAS KACHAM

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SUMMARY

DevOps Engineer with proven expertise in automating CI/CD pipelines and managing cloud-native deployments on AWS and Azure. Proficient in Infrastructure as Code (IaC) using Terraform, Ansible, and CloudFormation. Achieved a 30% reduction in release cycles through automation and dynamic environment configuration. Skilled in Kubernetes orchestration, containerization, and cloud security optimization to improve scalability and reliability.

EDUCATION

University of Central Missouri — Master of Science in Computer Science (*Aug 2022 – May 2024*)

GITAM University — Bachelor of Technology in Computer Science and Engineering (*Aug 2017 – Jun 2021*)

WORK EXPERIENCE

NthLine Solutions, LLC — DevOps Engineer (*Mar 2024 – Present*)

- Implemented CI/CD pipelines leveraging Terraform, Ansible, and Jenkins, reducing release cycles by 30% through automation.
- Deployed 15+ containerized microservices using Docker, Kubernetes, and Helm, optimizing deployment and rollback processes.
- Authored Python and Bash scripts to automate cloud tasks, reducing manual provisioning time by 20%.
- Collaborated with teams in Agile environments to ensure seamless deployments and continuous delivery.
- Conducted DevOps workshops training 25+ engineers on AWS automation and Kubernetes orchestration.

PROJECTS

Cloud-Native Voting Application (Kubernetes, Docker, AWS)

- Built and deployed a scalable microservices-based voting app using Kubernetes (EKS) and AWS for high availability.

TECHNICAL SKILLS

Cloud Platforms: Azure

CI/CD & Automation: Jenkins, GitHub Actions, Harness, Terraform, Ansible, CloudFormation

Containers & Orchestration: Docker, Kubernetes (EKS), Helm, Istio

Programming & Scripting: Python, Bash, Golang, SQL

Monitoring & Observability: Prometheus, Grafana, Loki, Tempo, ELK Stack

Version Control: Git, Azure DevOps

Practices: Agile, Infrastructure as Code, Automated Testing, Continuous Delivery

ACCOMPLISHMENTS

- **Certified Kubernetes Administrator (CKA)** - June 2024
- **Publication:** "An Analysis on Feature Engineering and Neural Networks Based on Malicious URL Prediction"