DevOps/Cloud Engineer

Revally Kiran
Phone: (475) 243-5666
Email: revellykirankittu@gmail.com
LinkedIn: https://www.linkedin.com/in/revally-kiran/

PROFESSIONAL SUMMARY

DevOps/Cloud Engineer with over 7 years of experience in cloud infrastructure, systems administration, and automation. Expertise in managing multi-cloud environments (**AWS, Azure, GCP**), automating infrastructure with **Terraform, Ansible, Chef**, and leveraging **Kubernetes, Docker** for container orchestration. Strong focus on **CI/CD** pipelines using **Jenkins**, **infrastructure as code (IaC)**, and security best practices. Skilled in monitoring with **ELK Stack, Grafana, Prometheus**, and driving operational excellence through automation and cloud-native technologies.

TECHNICAL SKILLS

- **Cloud Platforms:** AWS (EC2, Lambda, S3, RDS, VPC), Azure, GCP
- **DevOps Tools:** Terraform, Docker, Kubernetes, Jenkins, Ansible, Chef, Helm, ArgoCD
- **CI/CD & Automation:** Jenkins pipelines, Git, Terraform, Docker, Shell/Python scripting, CloudFormation
- **Containerization & Orchestration:** Docker, Kubernetes, Helm, ArgoCD
- **Programming Languages:** Python, Bash, Java, C++, C#
- **Security:** AWS IAM, VPC Security, Network Security, Cloud Security Best Practices
- **Monitoring Tools:** ELK Stack, Grafana, Prometheus, Nagios, CloudWatch, Splunk
- **Version Control:** Git, GitLab, GitHub

CERTIFICATIONS

- **Amazon Web Services Certified Developer**
- **AWS Certified Solutions Architect**

PROFESSIONAL EXPERIENCE

Client: UNH, CT, Newyork
Role: Cloud/DevOps Engineer
Mar 2023 – May 2024.
Responsibilities:

- Led the design and deployment of cloud-native applications using **AWS** services such as **EC2, S3, Lambda,** and **VPC**.
- Automated the provisioning of infrastructure using **Terraform**, reducing deployment time.
- Deployed serverless architectures with **AWS Lambda**, optimizing resource utilization and lowering costs.
- Managed local Kubernetes clusters for development and production environments.
- Orchestrated containerized applications using **Helm** and **ArgoCD**, enabling automated deployment pipelines, reducing manual intervention, and improving code deployment speed.
- Deployed **Prometheus** and **Grafana** to monitor infrastructure and application performance.
- Implemented the **ELK Stack** (Elasticsearch, Logstash, Kibana) for centralized logging, improving issue detection and reducing debugging time.

Environment: AWS (EC2, S3, Lambda, RDS, VPC), Terraform, Docker, Kubernetes, Helm, ArgoCD, Jenkins, Ansible, ELK Stack, Prometheus, Grafana

Client: Tech Mahindra, Mumbai, India
Role: Azure/DevOps Engineer
Nov 2020 – Feb 2023.
Responsibilities:

- Migrated legacy applications from an on-premise environment to **AWS** and **Azure**.
- Designed the network layout and optimized the performance using services like **AWS EC2, Elastic Beanstalk,** and **Azure VMs,** resulting in reduction in latency.
- Automated infrastructure provisioning using **Terraform** and **Ansible**, standardizing configurations across environments.
- Built **CI/CD** pipelines using **Jenkins** integrated with **Git, Jira,** and **Maven** to automate the build and deployment of microservices.
- Deployed containerized applications using **Docker** and **Kubernetes**, improving the deployment frequency.
- Enhanced deployment reliability with **Helm** and **ArgoCD**, streamlining continuous deployment workflows.
- Automated the transfer of files between **S3** buckets across different AWS accounts using **AWS Lambda** and **Python** scripting, reducing manual intervention and ensuring secure, efficient data transfers.

Environment: AWS (EC2, S3, Lambda, CloudWatch), Azure, Terraform, Docker, Kubernetes, Jenkins, Ansible, Helm, ArgoCD, Git, Maven

Client: Accenture, Bangalore, India

Role: Software Build/DevOps Engineer **Sep 2017 – Oct 2020.**

Responsibilities:

- Developed and deployed enterprise-grade applications using **Java** and **C#** in a containerized environment.
- Leveraged **Docker** and **Kubernetes** to create scalable, portable application environments, reducing downtime during deployments.
- Automated the configuration and management of **AWS** infrastructure using **Ansible** and **Terraform**, improving provisioning speed.
- Managed the deployment of **AWS EC2, S3,** and **RDS** resources, and automated security configurations using **AWS IAM** policies.
- Set up continuous integration pipelines in **Jenkins** for **Java/J2EE** applications, automating testing and deployments.
- Integrated **Maven** to manage project dependencies, ensuring faster, error-free releases.

Environment: AWS (EC2, S3, RDS), Docker, Kubernetes, Jenkins, Ansible, Terraform, Java, C#, Bash, Python, ELK Stack

EDUCATION

Master's in computer science & engineering (GPA-3.70) **University of Newhaven, Jan 2023- May 2024.**

Key Courses: Object-Oriented Programming, Web Technologies, Database and Information Retrieval, Cloud Computing Technologies.