SAI SAMPATH KARTHIK SALADI

Cloud & DevOps Engineer | LinkedIn | +91 9052534926 | karthiksaladidevops@outlook.com | Portfolio

PROFESSIONAL SUMMARY

Dynamic and results-driven Cloud & DevOps Engineer with nearly 3 years of proven expertise in orchestrating and optimizing cloud infrastructures. Skilled in streamlining CI/CD processes and ensuring the seamless deployment of containerized applications. Adept at leveraging the latest technologies and industry best practices to enhance efficiency, reliability, and scalability across diverse environments. Committed to continuous learning and professional growth, with a strong track record of successful project delivery and a passion for cloud and DevOps advancements.

AREAS OF EXPERTISE

Cloud Platforms: Azure, GCP, AWS
DevOps Tools: Azure DevOps, Jenkins, Docker & Kubernetes, Terraform, Ansible, OpenStack, Prometheus ,Grafana, ArgoCD, Git & Github.
Programming Languages: Rust, Python, Java Script, React JS, SQL, MongoDB.
Interpersonal Skills: Effective Communicator, Teamwork, Customer-focused, Active Listening, Blogging in Medium
Others: Linux & Shell Scripting

CERTIFICATIONS

- Certified Kubernetes Administrator (CKA)   (2023-2026)
- Azure DevOps Engineer expert (AZ-400)   (2023-2024)
- Azure Certified Developer Associate (AZ-204)   (2022-2024)
- Azure Certified Administrator Associate (AZ-104)   (2023-2024)
- AWS Certified Developer Associate   (2023-2026)
- GCP Associate Cloud Engineer   (2023-2026)
- AWS Certified Solutions Architect Associate   (2024-2027)
- Oracle Cloud Infrastructure 2023 Certified DevOps Professional   (2023-2025)

AWARDS

- Cloud Support Excellence Award | 2024 | Platform9 Systems.
- Cloud Champion Award | 2023 | Cognizant Technology Solutions.

PROFESSIONAL EXPERIENCE

Cloud Support Engineer   October 2023 - Present
Platform9 Systems - Pune, MH, India.

- Provided technical support for Platform9's managed Kubernetes and OpenStack products, troubleshooting issues via remote sessions.
- Led the upgrade processes for management planes of Platform9 products, ensuring minimal downtime and maximum reliability for customers.
- Deployed and managed management planes of Platform9 products, including infrastructure components and automation pipelines.
- Implemented infrastructure as code (IaC) solutions using Terraform and Ansible to automate provisioning and configuration tasks.
- Optimized cloud resources on AWS, Azure, and Google Cloud Platform for cost efficiency and scalability.
- Contributed to continuous improvement initiatives by staying updated on industry best practices in cloud computing and DevOps and providing feedback to enhance product features and usability.

Program Analyst   December 2021 - October 2023
Cognizant Technology Solutions - Hyderabad, TS, India.

- Proficient in designing and orchestrating infrastructure using Terraform.
- Expertise in creating and maintaining robust and scalable infrastructure as code (IaC) solutions.
- Adept at setting up and managing Kubernetes clusters to ensure seamless container orchestration.
- Skilled in deploying and monitoring containerized applications within Kubernetes, ensuring high availability and reliability.
- Experienced in implementing and maintaining CI/CD pipelines using industry-standard tools such as Jenkins and Azure Pipelines.
- Contribute to the configuration management process using Ansible, ensuring consistent and efficient system configurations.

EDUCATION

Bachelor of Technology - Mechanical Engineering | 2018 - 2021 | SRKR Engineering College, Bhimavaram, AP, India.
Diploma In Automobile Engineering | 2015 - 2018 | Andhra Polytechnic, Kakinada, AP, India.

RELEVANT PROJECTS

- **Automation using Azure DevOps**   GitHub
  - Designed and implemented CI/CD pipelines using Jenkins and Azure DevOps, enhancing deployment speed and reliability. Automated build, test, and deployment processes for various applications, integrating with tools like SonarQube for code quality checks and Docker for containerization.

- **Kubernetes from Scratch**   GitHub
  - Built a Kubernetes cluster from scratch, implementing networking, storage, and security configurations.

- **Automated Deployment and Configuration of a Web Server** (using Terraform & Ansible)   GitHub
  - Automated the provisioning and configuration of web servers using Terraform for infrastructure as code and Ansible for configuration management. Reduced deployment time by 50% by creating reusable Terraform modules and Ansible playbooks, ensuring consistent environments across development, staging, and production.

- **GitOps using ArgoCD**   GitHub
  - Implemented GitOps workflows using ArgoCD to automate and streamline application deployments. Set up ArgoCD to monitor Git repositories and automatically synchronize Kubernetes resources, ensuring that the cluster state matches the declared configuration in Git.

- **Monitoring with Prometheus & Grafana**   GitHub
  - Set up comprehensive monitoring and alerting for cloud infrastructure using Prometheus and Grafana. Configured Prometheus to scrape metrics from Kubernetes clusters, nodes, and applications. Developed custom Grafana dashboards to visualize key performance indicators and system health. Implemented alerting rules in Prometheus to notify the team of critical issues, enhancing system reliability and performance monitoring.

PROFILES

GitHub   Portfolio   LinkedIn   Medium