Chandrakanth Lanka

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Summary

- Highly motivated DevOps Engineer with 7+ years of experience in leveraging automation and cloud technologies to optimize IT operations and application delivery.
- Proven ability to design, implement, and manage CI/CD pipelines, infrastructure as code (IaC), and container orchestration for efficient deployments and improved development velocity.
- Skilled in collaboration across teams to ensure high availability, performance, and cost-effectiveness of IT infrastructure.

Tech Stack

Cloud: AWS (S3, EC2, EKS, RDS, CloudWatch, IAM, VPC)
Infrastructure as Code: Terraform
CI/CD: CircleCI, ArgoCD, Jenkins
Version Control: Git, GitHub
Configuration Management: Puppet
Containerization: Docker, Kubernetes
Scripting: Bash
Monitoring: CloudWatch, Datadog

Work Experience

Senior DevOps Engineer | Ness Digital Engineering | Apr 2021 – Present

- Led infrastructure migration from legacy to modern platforms, achieving a 40% reduction in deployment times through automation with Terraform best practices.
- Implemented robust CI/CD pipelines using CircleCI and ArgoCD, resulting in a 30% increase in deployment frequency and streamlined development processes.
- Managed AWS services including RDS for relational databases (ensuring high availability and performance), EKS for container orchestration, and S3 for secure and scalable data storage.
- Optimized cloud costs by 20% through collaboration with cross-functional teams and strategic implementation.
- Utilized Git (GitHub) for version control and Puppet for configuration management to ensure codebase integrity, automate tasks, and improve system consistency.
- Monitored system health using AWS CloudWatch, proactively identified and resolved issues to minimize downtime.
- Documented and maintained deployment processes in JIRA Confluence for knowledge sharing and future reference.

Senior Analyst - DevOps | HCLTech | Feb 2019 – Mar 2021

- Implemented security measures on AWS, including IAM configurations, VPC settings, and associated security groups.
- Administered AWS S3 for secure data storage, implementing versioning and lifecycle policies.
- Employed Load Balancing and Auto-Scaling for efficient routing of application traffic.
- Monitored key metrics with AWS CloudWatch and set up alerts for proactive issue identification.
- EC2 instances for application deployment and Docker containers for containerized deployments.
- Managed organizational AWS accounts, ensuring cost-effectiveness through adherence to Trusted Advisor recommendations.

Analyst | HCLTech | Sep 2016 – Feb 2019

- Provided BAU support for VMware related tools & technologies like vSphere ESXi, vCenter Server & Windows Server OS.
- Responsible for Design, Setup, Transformation/Migration of the Infrastructure.

Certifications & Trainings

AWS Certified DevOps Engineer Professional | 2022

AWS Certified SOA Associate | 2020

DevOps Engineer Certificate Program | 2019

Education

B.Tech (Computer Science & Engg.) | Jawaharlal Nehru Technological University - Hyderabad | 2011 - 2015