

Murali Kumar S

Devops Engineer

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Bangalore

Professional Summary

DevOps Engineer and System & Network Admin with 3+ years of IT experience in designing, deploying, and managing scalable cloud infrastructure and automation solutions. Proficient in implementing CI/CD pipelines using Jenkins, Terraform, Docker, and Kubernetes, with strong expertise in AWS cloud services. Skilled in containerization, orchestration, and infrastructure-as-code to deliver reliable, high-performing solutions. Recognized with a Customer Delight Award and multiple client appreciations for driving efficiency, ensuring smooth releases, and contributing to business success.

Work Experience

System & Network Admin with Devops Engineer, Spectrum Talent management 06/2024 – 02/2025 | Bangalore

- Designed and managed CI/CD pipelines using Jenkins, Docker, Kubernetes and python scripting for automation reducing deployment time by 40% and improving release frequency.
- Automated infrastructure provisioning with Terraform, which improved infrastructure efficiency by 35% and reduced manual setup efforts.
- Deployed and managed AWS services (EC2, VPC, S3, IAM, Auto Scaling), enhancing application scalability and reducing downtime by 25%.
- Implemented monitoring and alerting with Prometheus and Grafana, improving incident response time.
- Collaborated with developers, QA, and release teams to troubleshoot build failures, reducing production issues by 20%.

System & Network Admin with Devops Engineer, VK Computers 07/2023 – 06/2024 | Bangalore

- Built CI/CD pipelines with Jenkins and Terraform to automate AWS infrastructure provisioning, reducing manual efforts by 45%.
- Managed containerized deployments using Docker and Kubernetes, improving scalability and resource utilization by 30%.
- Implemented AWS solutions (EC2, S3,IAM, CloudWatch, Auto Scaling), increasing application availability and reliability by 25%.
- Developed custom Docker images and automated builds, which reduced environment inconsistencies by 20%.
- Developed and optimized Python scripts for automation, log analysis, and system monitoring, improving operational efficiency and reducing manual intervention.
- Worked with Jira for issue tracking and sprint planning, improving team collaboration and delivery efficiency.

Projects

DSC Storage Automation Framework, Client GPS Renewables 07/2023 – 02/2025

- Designed and implemented Jenkins CI/CD pipelines, resolving build failures and ensuring smooth, automated deployments.
- Automated AWS infrastructure provisioning using Terraform (IaC), improving scalability and reducing manual efforts.
- Built and deployed containerized applications with Docker and orchestrated services on Kubernetes clusters.
- Integrated Prometheus and Grafana for real-time monitoring, proactive alerting, and improved incident response.
- Collaborated with Agile teams for release planning, log analysis, and troubleshooting, ensuring reliable software delivery.
- Built and managed CI/CD pipelines using Jenkins and Terraform to automate AWS infrastructure provisioning and application deployments.
- Implemented AWS solutions including VPC, EC2, S3, RDS, IAM, ELB, Auto Scaling, Security Groups, and CloudWatch for secure and efficient cloud operations.
- Developed custom Docker images and optimized container-based deployments, reducing build failures and improving release quality.
- Collaborated with developers, QA, and architects to debug builds, optimize deployments, and manage project activities using Jira.

Skills

Container Tool : Docker

IaC and Automation : Terraform, Kubernetes

Version Control Tools : Git, GitHub

CI/CD Tools : Jenkins

Cloud Services : AWS (EC2, AMI, S3, IAM, VPC)

Scripting & Development : Python, Bash, YAML

Monitoring Tools : Prometheus, Grafana, Cloudwatch

Agile & Collaboration Tools: Jira

Operating Systems : Linux (CentOS, Ubuntu, RHEL),
Windows Server

Certificates

AWS Solutions Architect (Microdegree)

Devops Engineer (Microdegree)

Additional Work Experience

Network Admin, Experis IT Pvt Ltd (Client Telstra)

06/2019 – 11/2019 | Bangalore

- Ensure 100% stable operation and efficient performance of the 7+ departments network infrastructure.
- Monitored, troubleshoot and analyzed network performance across the organization's LANs, WANs, and wireless deployments, improving network performance by over 50%.

Senior Analyst, TrueBlue India LLP (Client Dell)

05/2017 – 05/2019 | Bangalore

- Managing the entire IT hardware asset management lifecycle for all corporate hardware assets.
- Created, implemented, and monitored corporate IT hardware asset management policies, procedures, processes, work instructions, compliance, and governance.
- Negotiated and managed IT vendor relationships and contracts from procurement to disposal.
- Managed IT hardware warranties, repair, and redeployment to maximize the value of IT hardware.

Education

Bachelor of Commerce, C.C.S University Meerut

11/2019 – 05/2022 | Meerut

Diploma in Electronic and Communication, K.S Polytechnic

08/2008 – 05/2011 | Bangalore

SSLC, JHS School

06/1998 – 05/2008 | Bangalore