Balaji G M

DevOps Engineer

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SUMMARY

Results-driven professional with 3+ years of experience specializing in AWS administration, migration, and DevOps. Expertise in designing, deploying, and managing cloud infrastructure on Amazon Web Services (AWS) while implementing DevOps best practices to optimize workflows and boost productivity. Adept at collaborating with cross-functional teams and management to successfully deliver projects on time and exceed performance goals. Proven ability to streamline processes, enhance system reliability, and drive continuous improvement in cloud environments.

SKILLS

Programming Languages	:	Python, Java
Scripting Language	:	Shell Scripting, Batch Scripting, Groovy Scripting
Build Tools	:	Ant, Maven, Gradle
CI/CD	:	Jenkins, GitLab
Containerization	:	Docker, Podman, Kubernetes
Version Control	:	Git, GitHub, GitLab, CVS
Logging and Monitoring	:	Grafana, Prometheus, ElasticSearch
Cloud	:	Amazon Web Services
Database	:	Oracle, PostgreSQL, MySQL, DynamoDB, MongoDB
Other Technologies	:	Terraform, Ansible, Jira, Jfrog, Linux, Autoscaling, Orchestration

EXPERIENCE

Devops Engineer, EdgeVerve Systems, Chennai   **Dec 2021 - Present**

- **Designed and Implemented AWS VPC Architecture**: Configured VPC, Subnets, Route Tables, Security Groups, and Network ACLs to ensure a secure, scalable cloud network environment for 10+ EC2 instances.
- **Enhanced High Availability**: Deployed EC2 instances and cloud services within AWS VPC using Elastic Load Balancers (ELB), improving system uptime and availability by 25%.
- **Access Control and Security**: Implemented and managed Security Groups and Network ACLs to control inbound and outbound traffic, improving network security and access control across 15+ subnets and instances.
- **Infrastructure Automation with Terraform**: Automated infrastructure deployment using Terraform, reducing manual setup time by 30% and enhancing repeatability and scalability for cloud resources.
- **Kubernetes Configuration and Management**: Deployed and managed Kubernetes clusters, including Pods, Deployments, and Services, reducing application downtime during deployments by 20%.
- **Service Ticket Automation**: Led the creation of a service ticket management portal, decreasing technical support response time by 40% and boosting overall maintenance efficiency.
- **DevOps CI/CD Pipeline Implementation**: Designed and managed CI/CD pipelines using AWS DevOps tools, improving code deployment frequency by 35% and reducing deployment errors.
- **GitHub, Confluence, Jira Integration**: Provided user access and managed group permissions for GitHub, Confluence, and Jira, streamlining collaboration for 50+ development and operations teams.
- **Linux System Administration**: Performed Level 2 & 3 remote Linux system administration, managing 20+ servers through SSH and Putty, ensuring high system availability and minimal downtime.
- **Linux Hardening Automation**: Automated Linux hardening processes for Virtual Machine creation, reducing manual setup time by 50% while improving system security and compliance.

EDUCATION

Sri Venkateswara University , Tirupati - *Master of Computer Applications, Computer Science - GPA: 7.94* **Jun 2021 - Sep 2023**

Sri Venkateswara University , Tirupati - *Bachelor of Science, Electronics - GPA: 7.75* **Jun 2018 - Apr 2021**

CERTIFICATIONS

Infosys Certified DevOps Engineer, Infosys Limited   **Mar 2023**

Infosys Certified Linux Administrator, Infosys limited   **Feb 2023**

Infosys Certified Web Programmer, Infosys Limited   **May 2024**

Infosys Certified Java Programmer, Infosys Limited   **Jul 2024**

AWARDS

Going Extra Mile, Infosys Limited   **Feb 2023**

Shining Star of the Month, Infosys Limited   **Apr 2024**

Achievers Club, Infosys Limited   **Feb 2025**