

# Abilash Nimmala

Aws Devops Engineer

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## SUMMARY

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DevOps Engineer with 6+ years of experience in cloud infrastructure, automation, CI/CD pipelines, and production support. Skilled in Linux, Bash, Git, Terraform, Jenkins, Ansible, Docker, Kubernetes, Maven, and AWS. Hands-on expertise in containerization and orchestration, with strong experience in Infrastructure as Code (Terraform) on AWS. Proficient in configuration management, automated deployments, and scripting. Experienced in monitoring, incident management, and ensuring high availability of production systems. Strong knowledge of AWS services including EC2, IAM, RDS, S3, ELB, EBS, CloudWatch, and Auto Scaling. Well-versed in SCM and Agile methodologies.

**EXPERIENCE Senior Software Engineer** Jul '22 — Present

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First American India

Bangalore, India

- Managed build & release processes, CI/CD pipelines, and AWS cloud infrastructure
- Automated infrastructure provisioning using Terraform and configuration management using Ansible
- Built and maintained CI/CD pipelines using Jenkins and Git-based workflows
- Contributed to migration of CI/CD pipelines from Jenkins to GitHub Actions, improving automation and deployment efficiency
- Deployed and managed applications across multiple environments (Dev, QA, UAT, Prod)
- Monitored infrastructure using CloudWatch and ELK Stack (Elasticsearch, Logstash, Kibana)
- Implemented auto-scaling and load balancing using ELB and CloudWatch metrics
- Developed Shell scripts to automate AWS operations, monitoring, and backup processes
- Managed IAM roles, policies, and secure access controls across environments
- Containerized applications using Docker for development and testing environments
- Supported production systems and handled incident management (P1/P2), ensuring high availability
- Contributed to troubleshooting, performance tuning, and system optimization

**AWS DevOps Engineer**

Jun '19 — Jun '22

CONCENTRIX TECHNOLOGIES

Bangalore, India

- Client: Texas Instruments
- Managed build & release processes and CI/CD pipelines using Jenkins, Maven, and Git
- Designed and deployed AWS infrastructure supporting high availability and scalability
- Automated infrastructure provisioning using Terraform and configuration management using Ansible
- Provisioned and managed AWS services including EC2, IAM, RDS, S3, ELB, EBS, CloudWatch, and Auto Scaling
- Deployed applications across Dev, QA, UAT, and Production environments
- Developed Shell scripts to automate deployment, monitoring, and backup processes
- Configured and maintained Apache web servers using Ansible and Jenkins
- Implemented auto-scaling and load balancing using ELB and CloudWatch metrics
- Managed IAM roles and policies for secure access control
- Containerized applications using Docker for development and testing environments
- Supported Linux and Windows systems across development and production environments
- Assisted in incident management, troubleshooting, and system performance improvements
- Monitored system performance and logs using CloudWatch and ELK Stack (Elasticsearch, Logstash, Kibana)
- Configured Route 53 DNS and implemented routing policies (Simple, Weighted, Failover) for high availability and traffic management

## SKILLS

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**Operating Systems** Linux (Red Hat, Ubuntu, CentOS), Unix, Windows Server (2016-2022)

**Cloud Platform** Amazon Web Services (AWS)  
**Containerization & Orchestration** Docker, Kubernetes  
**Monitoring & Logging** Grafana, Splunk, Nagios, AWS CloudWatch, ELK Stack  
**Version Control** Git, GitHub, Bitbucket  
**Languages** English **EDUCATION**

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**Master's Degree**, Vikrama Simhapuri University

Nellore, India