




Pradeep Shane

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PROFESSIONAL SUMMARY

DevOps & Cloud Engineer with 3 years of hands-on experience in building and automating cloud infrastructure using AWS, Azure, Docker, Kubernetes, Jenkins, and Terraform. Recently completed M.S. in Computer Science from DePaul University, Chicago. Currently seeking a DevOps/Cloud Engineer role in the U.S. where I can contribute to scalable infrastructure and CI/CD automation.

EDUCATION

DePaul University

M.S. in Computer Science

Chicago, IL

Jan 2023 – March 2025

SKILLS

Programming & Scripting: Python, Java, Bash, PowerShell, JavaScript

Cloud Platforms: AWS (EC2, VPC, IAM, RDS, S3, EKS, ECS, Lambda, CloudFormation), Azure (VMs, VNet, IAM, App Services, Resource Groups)

DevOps & CI/CD Tools: Jenkins, GitHub Actions, GitLab CI/CD, Azure DevOps, Terraform, Ansible, Docker, Kubernetes, Helm

Configuration Management: Ansible, Puppet (basic)

Monitoring & Logging: Prometheus, Grafana, CloudWatch, Datadog

Databases: MySQL, MongoDB, SQL Server, PostgreSQL, Oracle PL/SQL, Aurora, DynamoDB

Networking & Security: VPNs, DNS, Load Balancing, Firewalls, Azure Key Vault

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

WORK EXPERIENCE

Infosys

Cloud and DevOps Engineer

Hyderabad, TS

March 2022- Jan 2023

- Designed and deployed **hybrid cloud infrastructure** (Azure + AWS) including VMs, IAM, VNet, App Services, and resource policies.
- Automated provisioning, patching, and compliance using **Terraform, Terragrunt, Ansible, Python, and PowerShell**, reducing manual effort by 40%.
- Configured and maintained **Windows Server, Active Directory, and Linux environments**, ensuring enterprise-wide system health and security compliance.
- Built and maintained **CI/CD pipelines** for microservices and data pipelines using Jenkins, GitHub Actions, and Azure DevOps.
- Implemented monitoring and alerting solutions with **Prometheus, Grafana, CloudWatch, and Datadog** to proactively detect infrastructure issues.
- Assisted in troubleshooting **system outages and critical incidents** with on-call rotations, supporting business continuity and patient care systems.

CloudWare Systems Pvt.ltd

DevOps Engineer Intern

Remote

Sept 2020 - Jan 2022

- Deployed Azure and AWS infrastructure using **Terraform & ARM templates**, supporting multiple environments.
- Assisted in **Kubernetes orchestration (EKS)** and Helm deployments for containerized services.
- Tuned monitoring alerts and dashboards to optimize performance, reduce downtime, and control cloud costs.

CodeMania, Intern

Intern

Hyderabad, TS

Jan 2019 - Aug 2019

- Supported **Linux and Windows system administration**, patching, storage, and access audits.
- Assisted in **CI/CD deployments, DNS/VPN configuration**, and application validation.

PROJECTS

Cloud Infrastructure Automation – Azure & AWS

- Automated multi-cloud provisioning using Terraform, Terragrunt, and Ansible.
- Developed Python & PowerShell scripts for compliance, backups, and user management.

CI/CD Pipeline & Build/Test Automation

- Built scalable Jenkins and GitHub Actions pipelines with automated testing and deployment.
- Integrated real-time monitoring dashboards using Grafana for infrastructure and application logs.

Monitoring & Cost Optimization

- Deployed Prometheus & Grafana monitoring stack for infrastructure and application KPIs.
- Configured alerts for server health, AD sync failures, and build errors.
- Reduced cloud spend by 15% via automation and instance right-sizing.

