

Pradeep Shane

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PROFESSIONAL SUMMAR

DevOps & Cloud Engineer with 5 years of experience in automating cloud infrastructure, developing CI/CD pipelines, and managing scalable systems on AWS and Azure. I am Skilled in Terraform, Ansible, Docker, Kubernetes, Jenkins, and GitHub Actions. Strong background in cloud security, monitoring, release engineering, and infrastructure-as-code. Proven ability to enhance deployment efficiency, reduce operational overhead, and maintain high reliability in Agile environments.

EDUCATION

DePaul University

M.S. in Computer Science

Chicago, IL

Jan 2023 – March 2025

SKILLS

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

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

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

Configuration Management: Ansible, Puppet (basic).

Monitoring & Logging: Prometheus, Grafana, CloudWatch, Datadog, log analysis, Azure monitor, log analytics.

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

Networking & Security: VPNs, DNS, Load Balancing, Firewalls, Azure Key Vault, RBAC, Policy, Governance, Compliance (SOC2, ISO)

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

Disaster Recovery & High Availability: Multi-region replication, backups, failover strategies, DR playbooks, uptime SLA compliance.

WORK EXPERIENCE

Jhonson & Jhonson

Remote, NJ

Cloud and DevOps Engineer

Jan 2024 - Present

- Designed and maintained CI/CD pipelines using Jenkins and GitHub Actions, improving deployment reliability and reducing manual steps.
- Automated Linux administration tasks (patching, upgrades, log cleanup) using Bash and PowerShell.
- Provisioned AWS and Azure infrastructure using Terraform and Ansible to streamline environment consistency.
- Deployed and managed microservices with Docker and Kubernetes, enhancing scalability across production workloads.
- Implemented monitoring dashboards with Grafana, Prometheus, and CloudWatch, improving incident visibility and response.
- Enforced IAM security policies, vulnerability checks, and cloud compliance.
- Collaborated with QA, Application, and Release teams for issue resolution and production deployment support.

Infosys

Hyderabad, TS

Cloud and DevOps Engineer

March 2022 - Jan 2023

- Built and optimized CI/CD pipelines using Jenkins, GitHub Actions, and Azure DevOps.
- Automated cloud infrastructure provisioning on AWS/Azure using Terraform and Ansible.
- Managed Dockerized applications running on Kubernetes to ensure healthy deployments.
- Created monitoring dashboards with Prometheus, Grafana, and CloudWatch for proactive system diagnostics.
- Automated backups, user management, and recurring system tasks using Bash/PowerShell.
- Participated in Agile ceremonies including sprint planning, reviews, and retrospectives.

VBridgeIT, Inc

Hyderabad, TS

DevOps Engineer

Aug 2020 - Jan 2022

- Supported deployments and cloud environment setup on AWS/Azure using Terraform and ARM templates.
- Built CI/CD pipelines using Jenkins and GitHub Actions for automated testing and deployments.
- Deployed Kubernetes workloads and containerized applications using Docker.
- Configured monitoring using Grafana and ELK Stack to enhance observability.
- Performed cloud performance tuning and troubleshooting.

CodeMania

Hyderabad, TS

Intern

Jan 2019 - Aug 2019

- Supported Linux server administration and application deployments.
- Used Git/GitHub for version control and collaboration.
- Documented deployment procedures and supported QA teams during testing.

PROJECTS

Cloud Infrastructure Automation | AWS & Azure

- Automated provisioning using Terraform and Ansible for consistent cloud environments.
- Developed PowerShell scripts for monitoring, backups, and maintenance tasks.

CI/CD Pipeline & Containerized Deployment

- Designed complete CI/CD pipelines using Jenkins and GitHub Actions.
- Deployed microservices using Docker & Kubernetes and implemented Grafana dashboards.

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals (AZ-900)
- AWS Certified Cloud Practitioner (CLF-Co2)