

Vishvanath Patil

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Summary

Cloud and DevOps Engineer with over 6.5 years of overall IT experience, including 4+ years of hands-on expertise in cloud and DevOps practices. Skilled in designing, deploying, and managing scalable cloud infrastructure, with a strong focus on automation, performance, and reliability. Experienced in building CI/CD pipelines, automating infrastructure provisioning, and streamlining application deployments for faster delivery and reduced downtime.

Proficient in optimizing system performance, ensuring high availability, and maintaining strong security and compliance standards. Known for effectively collaborating with cross-functional teams to deliver robust, scalable, and cost-efficient solutions in dynamic environments.

Profile Summary

- Experienced DevOps and Cloud Engineer with a strong focus on building scalable, secure, and reliable infrastructure on AWS.
- Hands-on with core AWS services like EC2, S3, RDS, VPC, ELB, EKS, ECS, Fargate, and CloudFormation.
- Skilled in containerization using Docker and orchestration with Kubernetes (EKS/ECS) for managing microservices.
- Proficient in setting up and maintaining CI/CD pipelines to automate build, test, and deployment workflows.
- Strong experience with infrastructure as code using Terraform and CloudFormation for consistent and repeatable deployments.
- Built monitoring and alerting systems using CloudWatch and Datadog, improving visibility into system health and performance.
- Managed DNS and routing policies with Route 53 and used CloudFront for content delivery and high availability.
- Comfortable writing shell scripts for automating tasks, log processing, and managing server configurations.
- Worked with Nginx and HAProxy for reverse proxying, SSL termination, and handling routing and CORS.
- Collaborated with performance teams to optimize system resources and fine-tune Java applications.
- Supported PCI compliance efforts and implemented IAM best practices, including MFA and cross-account role management.

- Set up and maintained Nexus repositories for Maven, NPM, and Docker to streamline build and deployment processes.
- Committed to building maintainable, cost-efficient, and secure systems that support reliable application delivery.

Core Competencies

- **Cloud Platforms:** AWS (EC2, VPC, S3, IAM, RDS, Route53, CloudWatch).
- **Infrastructure Management:** Manual provisioning, Terraform (basic exposure), AWS CloudFormation
- **Containers & Orchestration:** Docker, Kubernetes (EKS), Helm
- **CI/CD & Automation:** Jenkins, ArgoCD, GitHub Actions, AWS CodePipeline
- **Monitoring & Observability:** Prometheus, Grafana, Loki, CloudWatch, NewRelic (familiar)
- **Scripting & Programming:** Python, Bash, Shell
- **Operating Systems:** Linux (RedHat, Ubuntu, Amazon Linux, CentOS)
- **Security & Compliance:** IAM, MFA, CIS benchmarks, TerraPay internal SOC2/ISO27001 compliance framework
- **Version Control:** Git, GitHub, SVN
- **Databases:** PostgreSQL, MySQL
- **Other Tools:** AWS Workspaces, AWS Systems Manager (SSM), CloudWatch Logs Insights, Ansible (familiar), Google Workspace

Professional Experience

TerraPay | Senior Cloud Engineer | Feb 2024- Current

- Demonstrated proficiency in managing Linux-based systems, including creation of EC2 instances, installation, configuration, maintenance, and troubleshooting.
- Provided end-to-end AWS cloud infrastructure support for TerraPay's global payment systems.
- Manage and manually provision AWS resources (EC2, RDS, IAM, S3, VPC) per environment requirements.
- Streamline deployment workflows using Jenkins and ArgoCD, improving release stability.
- Troubleshoot and resolve production issues across EC2, networking (VPC, NACLs, peering), and load balancers.
- Implemented Prometheus + Grafana + Alertmanager stack for proactive performance monitoring.
- Support TerraPay's internal SOC2/ISO27001 compliance requirements through process alignment and audit documentation.
- Develop Python and Shell scripts for automation, log parsing, and issue diagnostics.
- Manage AWS Workspaces for global teams, handling user onboarding and policy configuration.
- Monitor and analyze system events via CloudWatch Logs Insights, improving root-cause analysis speed.
- Use AWS Systems Manager (SSM) for instance access, patching, and configuration management.
- Maintain AWS Budgets and Cost Explorer dashboards, achieving 15% monthly cost optimization.

TCS | DevOps Engineer | May 2022- Jan 2024

- Designed and maintained CI/CD pipelines for microservices using Jenkins and ArgoCD.
- Built and managed EKS clusters with Ingress controllers and autoscaling policies.
- Automated cost optimization using AWS Lambda and Python scripts.
- Implemented Prometheus, Loki, and Grafana for observability and alerting.
- Managed DNS and SSL automation using Route53 and ACM.
- Strengthened IAM and security controls, ensuring policy compliance.
- Integrated SNS/SQS event-driven communication for asynchronous service workflows.
- Resolved high-severity incidents across distributed environments, improving availability.

Alackrity Consoles Pvt Ltd | Network Engineer | May 2018- May 2022

- Assisted in network setup, configuration, and troubleshooting for routers, switches, and firewalls.
- Supported LAN/WAN connectivity, ensuring reliable branch and office operations.
- Performed basic system administration for Linux and Windows servers.
- Configured DHCP, DNS, IP routing, and VPN connections for internal users.
- Helped manage Sophos firewall configurations and rule changes.
- Monitored data center and DR site health using Zabbix and network alerts.
- Created and maintained network topology and IP documentation.
- Provided L1-L2 support for connectivity, access, and incident troubleshooting.
- Gained initial exposure to AWS fundamentals and Jenkins CI/CD, forming the base for DevOps transition.

Education

- B.E. (Electronics & Communication Engineering) — Guru Nanak Dev Engineering College, Bidar (VTU)
- Diploma (Electronics & Communication) — J.N. Polytechnic, T Kushnoor

Certifications

1. **AWS Certified Solution Architect - Associate**
Amazon Web Services | Issued Oct 2023 | Credential ID NH0XDPPC01E41M95
2. **Red Hat Certified System Administrator (RHCSA)**
RedHat | Issued Dec 2024 | Credential ID 240-248-427
3. **Mastering SSL(TSL), Keys and Certificate management**

Languages

English, Hindi, Kannada, Marathi

Disclaimer

I hereby declare that all the particular stated in this resume are true to the best of my knowledge and belief.