

NAVEEN KUMAR VELANATI

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PROFESSIONAL SUMMARY

Cloud & DevOps Engineer with 3.6 years of hands-on experience across AWS and Azure environments specializing in CI/CD automation, Infrastructure as Code (Terraform, CloudFormation, CDK), containerization, Kubernetes orchestration, and security hardening. Experienced in production-grade deployments, monitoring systems, cloud migration, and implementing DevSecOps and ITIL-based practices to improve reliability, scalability, and cost optimization.

CORE SKILLS

Cloud: AWS (EC2, VPC, IAM, S3, CloudFormation, EKS, ECR), Azure (VMs, Networking)

CI/CD & DevOps Tools: Jenkins, GitHub Actions, Docker, Kubernetes, ArgoCD, Git, SonarQube

IaC & Automation: Terraform, AWS CDK, CloudFormation, Ansible, Bash, Python

Security: IAM Roles & Policies, Security Groups, NACLs, MFA, TLS/SSO, KMS Encryption

Monitoring & Logging: Prometheus, Grafana, CloudWatch, Application Insights

Databases: MySQL, MongoDB

OS & Servers: Ubuntu, RHEL, CentOS, Windows | Nginx, Apache Tomcat

PROFESSIONAL EXPERIENCE

Cloud & DevOps Engineer — Zerocode Innovations Pvt Ltd

June 2022 – November 2025 (3 Years 6 Months)

- Designed and implemented CI/CD pipelines using Jenkins and GitHub Actions, reducing deployment time by 40%.
- Built and deployed containerized applications in AWS ECR and Kubernetes (EKS) with blue-green deployment strategy.
- Automated AWS infrastructure provisioning using Terraform and AWS CDK (EC2, IAM, VPC, EKS, S3).
- Automated Azure VM deployments and supported hybrid cloud workloads.

- Implemented monitoring stack using Prometheus, Grafana, and Application Insights, improving incident response by 30%.
 - Executed cloud migration initiatives and improved monthly cloud costs by 15%.
 - Developed automated VM snapshots and backup workflows, reducing manual operational effort by 90%.
 - Implemented cloud security standards including IAM least privilege, MFA enforcement, encryption in transit and at rest.
 - Participated in Agile sprint planning, incident/change management, and ITIL governance processes.
 - Mentored junior engineers in Kubernetes deployments, Terraform modules, and DevOps best practices.
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PROJECTS

- **CI/CD with Jenkins + Kubernetes:** Automated build, test, and deploy stages for microservices running on AWS EKS using Docker and Jenkins pipelines.
 - **IaC Using Terraform & Ansible:** Built reusable Terraform modules and automated instance configuration using Ansible playbooks.
 - **Monitoring & Observability Platform:** Deployed Prometheus, Grafana, and CloudWatch dashboards to track system reliability and application KPIs.
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ACHIEVEMENTS

- Reduced deployment cycle time by 40% through pipeline optimization.
 - Improved server provisioning efficiency by 60% using Terraform.
 - Enabled scalable workloads by Dockerizing legacy applications and migrating to Kubernetes.
 - Reduced downtime with automated database backups and disaster recovery strategies.
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PERSONAL DETAILS

- **Date of Birth:** 20 March 1998
- **Languages:** English, Telugu, Hindi
- **Availability:** Immediate
- **Location Preference:** Remote, Hyderabad, Vizag, Vijayawada, Bangalore, Noida, Pune