

NAVEEN R

Senior Software Engineer | DevOps Engineer

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Professional Summary

DevOps Engineer with 4 years of hands-on DevOps experience and over 5 years in IT, specializing in cloud infrastructure, automation, and CI/CD pipelines. Skilled in AWS, Kubernetes, Docker and Terraform, with proven expertise in building secure, scalable and automated deployment pipelines. Recently led independent projects focused on DevSecOps and GitOps adoption, while expanding cross-cloud proficiency across Azure and GCP. Dedicated to enhancing operational efficiency, ensuring security compliance and delivering reliable multi-environment deployments.

Core Skills

Cloud & Infrastructure: AWS (EC2, S3, RDS, IAM, VPC, Route53, Auto Scaling, ALB, EBS, CloudWatch, CloudTrail, CloudFront, Secrets Manager, Security Groups, NACL, Site-to-Site VPN, Lambda, API Gateway), Azure (VMs, Storage, Key Vault, VNet) and GCP (Compute Engine, Cloud Storage, IAM, VPC)

Infrastructure as Code & Automation: Terraform, Jenkins, GitHub Actions, GitLab CI, ArgoCD, Helm, Ansible, GitHub Copilot

Containerization & Orchestration: Docker, Docker Compose, ECS, Kubernetes (EKS), Istio Service Mesh, Cosign

DevSecOps & Security: Trivy, SonarQube, Snyk, Dependency-Track, SBOM Automation, OpenAI API Integration

Monitoring & Observability: Prometheus, Grafana, ELK/EFK, Loki, Jaeger

Build & Version Control: Git, GitHub, Maven, Nexus, Amazon ECR

Scripting & Development: Shell, YAML, NodeJS, Python, PHP, Groovy, JavaScript

Databases: MySQL, MongoDB

Collaboration & Agile: JIRA, Confluence, Scrum, Agile Workflows, Slack

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

Professional Experience

Prodapt Solutions Private Limited | Senior Software Engineer (DevOps) | Bengaluru, India | Oct 2021 – Nov 2024

- Enhanced CI/CD pipeline efficiency by 20% by revamping Jenkins workflows, integrating security scans (Trivy) and code quality checks (SonarQube) and streamlining build, test and release processes across all stages
- Containerized and maintained Docker-based applications for development, staging and non-production, stabilizing environment reliability and reducing operational errors by 30%
- Managed Kubernetes workloads on EKS with rolling updates, autoscaling and monitoring, boosting system availability by 20% and enhancing release stability
- Provisioned AWS infrastructure including EC2, S3, IAM, Route 53, ALBs and Auto Scaling Groups incorporating health checks, failover routing, SSL/TLS configurations for secure and highly available deployments
- Executed Terraform-based provisioning of VPCs, S3 buckets, and EC2 instances, delivering stable, reproducible infrastructure through infrastructure-as-code practices
- Monitored CloudWatch and Grafana dashboards to identify performance bottlenecks, reducing downtime by 20% and improving overall service stability
- Oversaw Nexus Repository for artifact storage and dependency management, ensuring consistent Maven build success rates above 99% and streamlined artifact lifecycle control
- Implemented health checks, failover routing and SSL/TLS configurations in DNS, increasing application availability by 15% and strengthening security posture
- Collaborated with cross-functional teams to standardize CI/CD practices, improve pipeline security, and mentor junior engineers to enhance team capability

Greenlantern IT Solutions Private Limited | Software Engineer | Hyderabad, India | Apr 2020 – Aug 2021

- Developed RESTful APIs using PHP and MySQL, optimizing queries to reduce API latency by up to 40%
- Released applications on EC2 and hosted static assets on S3, securing highly availability through load balancing and scaling strategies
- Engineered ELB, Auto Scaling Groups and CloudWatch monitoring, decreasing downtime by 30% and reinforcing overall system reliability

- Introduced Grafana dashboards and Route 53 DNS, refining observability and speeding up troubleshooting
- Set up CloudWatch alarms and SNS notifications to detect performance and security issues early, decreasing incident response time and enhancing system observability

Trianabot Technologies Private Limited | Software Engineer | Hyderabad, India | Dec 2018 – Mar 2020

- Developed and maintained PHP (CodeIgniter) and MySQL applications, optimizing database queries and refactoring code to reduce bug-related incidents by 25% and increase application uptime
- Integrated third-party APIs such as payment gateways (PayPal, Razorpay) and shipping services for seamless transaction processing
- Designed, containerized and deployed high-performance RESTful APIs using Node.js and MongoDB, improving scalability and response efficiency by 30% while reducing deployment time through container-based automation
- Managed hosting and deployment workflows using cPanel and FTP tools for domain setup, DNS management, and website deployment, accelerating release cycles by 20% and ensuring consistent uptime across client environments

Independent DevOps Projects | Bengaluru, India | Dec 2024 – Present

- Orchestrated end-to-end CI/CD pipelines integrating Jenkins, ArgoCD, Helm and Terraform, reducing manual deployment effort by 80% and achieving fully automated, secure and auditable releases across environments
- Built DevSecOps automation using Trivy, Snyk and Cosign for container image signing, SBOM generation and vulnerability scanning, cutting image-level security risks by 30% and ensuring compliance in every build
- Implemented GitOps-driven delivery with ArgoCD and GitHub Actions (OIDC), enabling declarative, version-controlled infrastructure provisioning on AWS and improving rollback and recovery efficiency by 40%
- Engineered AWS cloud infrastructure with Terraform, automating S3 static hosting via GitHub Actions (OIDC) and deploying reusable network modules for secure, scalable multi-region provisioning
- Enhanced deployment resilience and observability by integrating Dockerized ECS workloads with Prometheus, Grafana and Istio Service Mesh (mTLS, traffic shaping), improving service uptime and visibility by 25%

Key Projects / GitHub

DevSecOps & GitOps Automation - [GitHub Repository](#)

- Architected end-to-end CI/CD pipelines using Terraform, Jenkins, ArgoCD, Helm, and EKS, integrating Trivy, Snyk, and Cosign for SBOM generation and container signing, with AI-driven Slack/Email alerts — reducing vulnerability detection time by 40% and accelerating secure deployments across environments

PHP Docker & AWS Secrets Manager – [GitHub Repository](#)

- Containerized PHP applications with Docker Compose, ensuring consistent environments and secure secret management via AWS Secrets Manager, reducing deployment errors by 30% and accelerating environment setup by 50%

AWS Cloud Infrastructure Projects (Terraform) – [GitHub Repository](#)

- Optimized cloud deployments using Terraform and GitHub Actions (OIDC), improving scalability, security and provisioning efficiency across AWS environments

AWS ECS DevOps Project – [Github Repository](#)

- Delivered secure CI/CD pipelines using GitHub Actions, Docker, Trivy, Snyk, and AWS ECR, deploying production-grade workloads via Terraform-provisioned ECS, reducing deployment time by 50% and minimizing configuration errors by 35%

Serverless Real-Time Weather App – [GitHub Repository](#)

- Designed an event-driven, serverless application using AWS Lambda (Python), API Gateway, and DynamoDB to fetch and store real-time weather data from OpenWeather API, implementing secure IAM roles and CORS-enabled REST endpoints, improving data retrieval speed by 40% and reducing infrastructure costs by 30% through a fully scalable, zero-maintenance architecture

Certifications

- AWS Certified Solutions Architect – Associate (In Progress)
- Certified Kubernetes Administrator (CKA) (In Progress)

Education

Inamdar College Master of Science (M.Sc.) in Computer Science | Gulbarga University, Karnataka | 2015