

VISHAL TINANI

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PROFESSIONAL SUMMARY

DevOps Engineer with hands-on experience across Linux system administration, server automation, and backend infrastructure support for .NET and PHP applications. Skilled in shell scripting for operational automation, configuring Nginx/Apache for high-availability delivery, and building CI/CD pipelines for containerized deployments. Hands-on exposure to Kubernetes (Amazon EKS), Docker, Terraform, and core AWS services through both production support work and independent project builds. AWS Certified Solutions Architect – Associate with a strong foundation in networking, backend systems, and infrastructure automation, and a quick-learning, collaborative approach to building reliable, efficient systems.

WORK EXPERIENCE

System Administrator | Positiwise Info Tech Pvt. Ltd.

Environment: Linux, .NET & PHP Hosting, Shell Scripting, Nginx/Apache

- Administered and maintained a fleet of Linux servers hosting production .NET and PHP applications, ensuring consistent uptime, performance, and security.
- Automated recurring server maintenance — patching, backups, log rotation, and health checks — using shell scripting, cutting manual operational effort and reducing the risk of missed maintenance windows.
- Configured and tuned Nginx/Apache as reverse proxies and load balancers to support high-availability delivery of .NET and PHP workloads.
- Set up server-fleet monitoring and alerting, enabling earlier detection and faster resolution of infrastructure issues.
- Collaborated with the development team to build an Auto Install Certificate agent that automated SSL certificate deployment across multiple server environments, removing a manual, error-prone step from every new server setup.

DevOps Engineer | Avirant

Environment: Docker, AWS, Redis, Git, CodeBuild, CodePipeline, Python

- Deployed and managed a PHP web application backed by a Redis server on AWS, introducing optimized caching that improved application response times.
- Built automated CI/CD pipelines using AWS CodeBuild and CodePipeline, streamlining build and release workflows and shortening the path from commit to deployment.
- Containerized application components with Docker to standardize environments across development and production, reducing environment-specific bugs.
- Wrote Python scripts to automate deployment and operational tasks, reducing manual intervention in routine releases.

DevOps Engineer | Restrove Retail and Agro Private Limited

Environment: Docker, Jenkins, Nginx, Python, Git, Linux

- Developed and deployed a 3-tier web application (frontend, backend, database) using Docker containers for consistent, portable environments across the stack.
- Implemented a CI/CD pipeline in Jenkins to automate build, test, and deployment stages, reducing manual release steps.
- Configured Nginx as a reverse proxy to route and load-balance traffic to backend services.

Technical Support Engineer | Bio-max Security

Environment: Windows, Linux, Networking, Apache, Nginx

- Provided technical support for biometric devices, assisting clients with configuration and integration of biometric attendance and access-control systems.
- Guided clients through installing and configuring biometric software on Windows and Linux servers.
- Troubleshoot software and connectivity issues during installation, ensuring smooth setup and reliable operation for end users — early, hands-on exposure to Linux/Windows administration and networking that led into the systems and DevOps roles above.

FEATURED PROJECTS

End-to-End CI/CD Automation for Kubernetes (EKS) Deployment — Independent Project

Technologies: Docker, Jenkins/GitHub Actions, Kubernetes (EKS), Terraform, AWS, Nginx, Prometheus & Grafana

- Designed a fully automated deployment pipeline that provisions AWS infrastructure with Terraform, builds and pushes Docker images, and deploys application updates to an Amazon EKS cluster with zero manual steps.
- Implemented automated rollout and rollback strategies in Kubernetes to enable safe, zero-downtime releases.
- Integrated Prometheus and Grafana for real-time monitoring of cluster health and application performance, with automated alerting on failure thresholds.
- Replaced a manual, multi-hour release process with a single automated pipeline run, improving deployment consistency and reliability.

GitOps-Driven DevSecOps Pipeline for Kubernetes — Independent Project

Technologies: ArgoCD, Kubernetes (EKS), Terraform, GitHub Actions, Docker, Trivy, SonarQube, HashiCorp Vault

- Implemented a GitOps delivery model using ArgoCD to continuously reconcile application manifests from Git with an Amazon EKS cluster, eliminating manual kubectl deployments and keeping cluster state auditable and always in sync with the declared source of truth.
- Embedded DevSecOps controls into the CI/CD pipeline by integrating Trivy for container image vulnerability scanning and SonarQube for static code analysis, automatically gating builds that failed defined security and quality thresholds.
- Managed application secrets with HashiCorp Vault, replacing hardcoded credentials with dynamically injected, environment-scoped secrets.
- Codified infrastructure with Terraform and added pre-deployment policy checks, reducing configuration drift and catching misconfigurations before they reached production.

EDUCATION

B.Sc. in Information Technology

Gokul Global University • CGPA: 9.14

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate — Amazon Web Services (2025)
- Java Full Stack Developer — Exclr (2025)
- DevOps — Exclr (2024)
- CCNA — Cisco (2023)

SKILLS

Cloud & Infrastructure: AWS, GCP, AWS EKS (Kubernetes), Docker, Terraform, Cloud Networking

CI/CD & Automation: Jenkins, GitHub Actions, AWS CodeBuild, AWS CodePipeline, Git & GitHub, Shell Scripting

Systems & Networking: Linux & Windows Server Administration, Nginx, Apache, LAN/WAN Networking

Monitoring: Prometheus, Grafana

Security & GitOps: ArgoCD, HashiCorp Vault, Trivy, SonarQube

Programming & Frameworks: Python, Node.js, NestJS, Spring Boot, JavaScript

Databases & Caching: MongoDB, Redis