Nitesh Rijal

DEVOPS & DEVSECOPS ENGINEER

Darch, Perth WA | +61 452 379 321 | rijalnitesh78@gmail.com

rijalnitesh.com | GitHub: neetesshhr | LinkedIn: neetesshhr

PROFILE

Hands-on DevOps and infrastructure engineer with freelance experience supporting 50+ clients. Builds repeatable cloud environments, automates deployment workflows and troubleshoots Linux, Windows and containerised applications. Cofounder of TRiVO Connect and creator of PortSentinel. Seeking part-time DevOps, cloud infrastructure or technical support opportunities in Perth.

TECHNICAL SKILLS

Cloud & systems: AWS EC2, EKS, RDS, IAM, S3, Lambda and CloudWatch; Azure; Linux; Windows Server; Nginx; Proxmox; WireGuard.

Infrastructure & delivery: Terraform, CloudFormation, Ansible, PowerShell; GitHub Actions, Jenkins, GitLab CI, Azure Pipelines, TeamCity and Gitea.

Containers & security: Docker, Kubernetes, ArgoCD, Portainer; DefectDojo, Trivy, Snyk and Gitleaks; Prometheus, Grafana and log analysis.

PROFESSIONAL EXPERIENCE

Freelance DevOps & SecOps Engineer / Tutor

Upwork and direct clients | Remote | 2020-Present

- Delivered cloud infrastructure, deployment automation and troubleshooting projects for 50+ clients, with scope varying by engagement.
- Investigated application and infrastructure failures using logs, monitoring data and configuration checks; supported clients remotely through diagnosis and remediation.
- Built repeatable AWS environments with Terraform and CloudFormation, including compute, database and access-control configuration.
- Implemented Gitea CI and ArgoCD workflows on Proxmox infrastructure, connecting pipeline validation to application delivery.
- Configured DefectDojo to consolidate findings from CI security scanners, including Trivy, Snyk and Gitleaks.
- Automated Windows AMI configuration and ODBC driver and System DSN provisioning with PowerShell, including architecture detection and connection checks.

DevOps Engineer | Kimper Technologies

Part-time | Remote | December 2024-February 2025

- Developed Azure Pipelines and TeamCity workflows for .NET applications; maintained Windows development servers and supported build and deployment environments for the Emex client.

PROFESSIONAL EXPERIENCE / CONTINUED

DevOps Engineer | Cleared to Drive

Contract | Remote | May-August 2024

- Converted manually configured AWS resources into reusable CloudFormation templates for EC2, Lambda and S3.
- Implemented EC2 Auto Scaling and a Graviton migration; configured S3 lifecycle management and EBS snapshot policies.
- Resolved an Nginx service failure on EC2, improved routing configuration and added automated health checks. Moved deployments to self-hosted GitHub Actions runners and configured WireGuard connectivity.

Salesforce DevOps Developer | ComplianceQuest

Internship progressing to full-time | Nepal | 2022-2023

- Implemented Jenkins pipelines for Salesforce API deployments.
- Developed Apex classes, Lightning Web Components and VS Code extensions to support developer workflows.

PRODUCTS & TECHNICAL PROJECTS

TRiVO Connect | Cofounder

trivoconnect.com | circleu.app

Cofounder of a custom software and workflow-automation company. Product work includes CircleU, a campus and community application for groups, events and communication.

PortSentinel | Creator & Maintainer

portsentinel.dev | GitHub repository

- Built a self-hosted infrastructure tool in Rust for viewing logs and processes and managing Docker containers and systemd services through a browser interface.

WRF/WPS | Scientific computing deployment

Linux environment setup, model configuration and troubleshooting

- Installed and configured WRF/WPS on Ubuntu; prepared namelist and geographic-grid settings for nested domains and investigated build and runtime issues using documentation and logs.

EDUCATION

Postgraduate Qualifying Program

Edith Cowan College, Perth | Currently studying

Master of Cyber Security

Edith Cowan University | Commencing February 2027 | Expected December 2028

Bachelor of Engineering in Computer Engineering

Kantipur Engineering College, Tribhuvan University, Nepal

TECHNICAL WRITING

DevSecOps with GitHub Actions + DefectDojo

Practical integration of security scanning and centralised vulnerability findings.

Low-cost Portfolio Hosting on EC2

An AWS-based approach to hosting a personal portfolio.

Automating PHP Applications with GitHub Actions, CloudFormation & Ansible

Deployment automation using CI/CD and infrastructure configuration.