

JD DEVOPS ENGINEER

Location: Sunway Nexis, Kota Damansara (Onsite)

Availability: Candidates who can join immediately or within short notice are highly preferred.

Role Summary

The DevOps Engineer will be responsible for supporting the implementation, deployment and operation of secure, reliable and scalable application environments. The role will work closely with application developers, infrastructure, data, AI/ML and security teams to implement CI/CD pipelines, containerised deployments, system monitoring and infrastructure automation.

Key Responsibilities

- Implement, configure and maintain CI/CD pipelines for application deployment and release management.
- Automate application build, testing, deployment and release processes across development, testing, staging and production environments.
- Deploy and manage containerised applications using Docker and Kubernetes.
- Manage Git-based source code repositories, version control, branching and release processes.
- Configure and support DevOps tools such as GitLab CI/CD, Jenkins, GitHub Actions or equivalent.
- Support deployment of web applications, APIs, microservices, databases, data analytics and AI/ML services.
- Implement and maintain Infrastructure as Code (IaC) using Terraform, Ansible or equivalent tools.
- Support application environments across on-premise, cloud and hybrid infrastructure.
- Configure and maintain monitoring, logging and alerting using Prometheus, Grafana, ELK/Elastic Stack or equivalent.
- Monitor application health, system performance, availability and resource utilisation.
- Support configuration of NGINX, API gateways, load balancers, SSL/TLS certificates and related infrastructure components.
- Implement DevSecOps practices including vulnerability scanning, secrets management, access controls and secure configuration.
- Troubleshoot deployment, container, application and infrastructure-related issues.

- Maintain consistency and configuration control across development, testing and production environments.
- Support backup, recovery, high availability and disaster recovery activities.
- Support SIT, UAT, PAT, security testing and production deployment activities.
- Maintain deployment procedures, configuration documentation, operational guides and troubleshooting documentation.
- Work closely with development and technical teams to resolve deployment and environment-related issues.
- Ensure DevOps activities comply with applicable ICT security, cybersecurity, SSDLC and data governance requirements.

Required Qualifications & Experience

- Bachelor's Degree in Computer Science, Information Technology, Software Engineering, Computer Engineering or equivalent.
- Minimum 4 years of relevant experience in DevOps, Cloud Engineering, System Engineering or related roles.
- Hands-on experience in CI/CD pipeline implementation and administration.
- Experience with Docker and Kubernetes.
- Experience with Git, GitLab CI/CD, Jenkins, GitHub Actions or equivalent.
- Good knowledge of Linux administration.
- Working knowledge of scripting languages such as Bash, Python or PowerShell.
- Experience with Infrastructure as Code (IaC) tools such as Terraform or Ansible.
- Experience deploying and supporting web applications, APIs and microservices.
- Understanding of NGINX, API gateways, load balancing, SSL/TLS and networking concepts.
- Experience with monitoring and logging platforms such as Prometheus, Grafana and ELK/Elastic Stack.
- Knowledge of databases such as PostgreSQL, MySQL, MongoDB or equivalent will be advantageous.
- Exposure to data analytics, data engineering or AI/ML environments will be an added advantage.
- Experience with cloud, on-premise or hybrid infrastructure environments is preferred.
- Experience supporting large-scale enterprise or Government/Public Sector ICT projects will be an added advantage.

Key Technical Competencies

- DevOps / DevSecOps
- CI/CD
- Docker & Kubernetes
- Git / GitLab
- Jenkins / GitLab CI/CD
- Linux
- Terraform / Ansible
- Infrastructure as Code
- NGINX & API Gateway
- Microservices
- Prometheus & Grafana
- ELK / Centralised Logging
- Cloud & Hybrid Infrastructure
- Application & API Deployment
- Monitoring & Alerting
- Release & Configuration Management
- Security & Vulnerability Management
- Technical Documentation