**Job Objective:**

* To build, maintain, and optimise resilient, automated infrastructure pipelines that support seamless code integration, deployment, and operational performance.
* To drive operational efficiency, security, and reliability through best practices in infrastructure automation, monitoring, and cross-functional collaboration.

**Job Scope:**

* CI/CD pipeline implementation and maintenance
* Infrastructure automation and provisioning
* Monitoring, troubleshooting, and performance optimisation
* Security enforcement and compliance alignment
* Cross-functional collaboration with development, operations, and product teams

**Job Description:**

1. Continuous Integration & Deployment (CI/CD)
   1. Design, implement, and maintain automated pipelines for building, testing, and deploying applications.
   2. Ensure smooth code integration and delivery across development, staging, and production environments.
   3. Manage the end-to-end flow of code deployments in a global, cloud-native environment.
2. Infrastructure Automation & Provisioning
   1. Develop Infrastructure as Code (IaC) using tools such as Terraform, Ansible, or similar.
   2. Automate the configuration and deployment of infrastructure components, leveraging AWS and Kubernetes (EKS/ECS).
   3. Take ownership of the infrastructure, continuously improving architecture, automation, and reliability.
3. Monitoring & Performance Optimisation
   1. Implement monitoring tools to proactively detect and resolve system or application issues.
   2. Collaborate with engineering teams to optimise system and application performance, ensuring scalability and robustness.
   3. Troubleshoot infrastructure, CI/CD, and performance issues across various environments.
4. Security & Compliance
   1. Integrate security best practices into infrastructure and deployment pipelines.
   2. Collaborate with security teams to ensure compliance with industry standards and regulations.
   3. Support audits and contribute to maintaining a secure operational environment.
5. Problem Resolution & Operational Support
   1. Provide on-call support as part of a rotating schedule.
   2. Troubleshoot infrastructure, deployment, and performance issues, offering timely resolutions.
   3. Support business and operations teams in delivering high-quality customer experiences.
6. Collaboration & Documentation
   1. Work closely with development, QA, and operations teams to deliver effective infrastructure solutions.
   2. Maintain clear, comprehensive documentation for system configurations, procedures, and incident resolutions.
   3. Contribute to a culture of continuous improvement, pushing boundaries in automation and operational reliability.
7. Accept all other duties as assigned by the Line Manager or any of its authorised officers.

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