

JOB DESCRIPTION

Role Overview

- **Role Title:** Assistant Manager - Cloud Engineer
- **Department:** Information Technology
- **Organisation:** NICDC Logistics Data Services (NLDS)
- **Location:** New Delhi
- **Experience Required:** 5 – 10 Years (Cloud Infrastructure, DevOps, and Software Configuration)
- **Employment Type:** Full-Time | On-Site

About the Role

We are looking for an experienced Full Stack Cloud Engineer to join NICDC Logistics Data Services (NLDS). The incumbent will architect, build, and administer robust, secure, and scalable cloud and on-premises infrastructure. This is a highly hands-on technical role bridging infrastructure management, software configuration, and full-stack API integrations for mission-critical government platforms such as e-Office, GeM Portal, and the ULIP/LDB ecosystem. The engineer will own the development and configuration of application runtimes, CI/CD pipelines, and infrastructure-as-code (IaC) to drive digital governance in the logistics sector.

Key Responsibilities

Cloud Engineering & Infrastructure as Code (IaC)

- Architect and provision multi-cloud (Azure/AWS) resources, utilizing Infrastructure as Code (IaC) tools such as Terraform or ARM templates.
- Build, maintain, and scale containerized environments using Docker and Kubernetes.
- Design and deploy secure and scalable container/microservices architectures across Azure App Services, VMs, and managed databases.
- Manage and optimize secrets securely via Azure Key Vault; enforce Role-Based Access Controls (RBAC) and access policies.

DevOps & CI/CD Automation

- Design and implement continuous integration and continuous deployment (CI/CD) pipelines via Azure DevOps for automated, repeatable software and infrastructure deployments.
- Configure monitoring tools (Azure Monitor, Log Analytics, Performance Monitor) to proactively capture system metrics, ensuring high reliability and RTO/RPO SLAs.

Software Configuration & Platform Administration

- Manage and configure application runtimes on Windows Server 2022 and Linux (RedHat/Ubuntu) environments, including IIS, Nginx, and Apache.
- Develop and maintain REST APIs and backend integrations to support government platforms such as ULIP, LDB, and e-Office.
- Act as a technical liaison between internal product teams and external technology vendors, ensuring code quality and seamless API integration.
- Automate processing tasks and document workflows to streamline operations on the GeM and e-Office platforms.

Identity, Endpoint & Security Management

- Administer Microsoft Entra ID (Azure AD) for SSO configurations using SAML, OAuth 2.0, and OpenID Connect.
- Enforce Zero Trust security frameworks incorporating risk-based authentication and least-privilege principles.
- Implement Endpoint Privilege Management (EPM) and Data Loss Prevention (DLP) across multiple operating systems.

Technology Operations & QMS Compliance

- Administer virtualization infrastructure (Hyper-V and VMware) with live migration and failover clustering.
- Ensure adherence to ISO 9001:2015 QMS and ISO 27001 ISMS standards across software development and deployment processes.

Required Technical Skills

Domain	Technologies & Tools
Cloud Platforms	Microsoft Azure (VMs, App Services, Azure SQL, VNet), AWS (EC2, S3, Lambda), Azure DevOps, CI/CD pipelines.
Programming & Scripting	Python, JavaScript/Node.js, Core Java, Bash, and PowerShell.
DevOps & Containers	Docker, Kubernetes, Terraform, and Git.
OS & Web Servers	Linux (RedHat/Ubuntu), Windows Server 2022, IIS, Nginx, and Apache.
Networking & Integration	REST API Integration, TCP/IP, VPN, ExpressRoute, Load Balancer.
Government Platforms	e-Office, GeM Portal, ULIP/LDB, NICS Servers.
Security & IAM	Microsoft Entra ID, Zero Trust, Key Vault, Zecurion/Purview.

Qualifications & Experience

- **Degree:** Bachelor's degree in Computer Science, Information Technology, or a related field.
- **Experience:** 5 to 10 years of progressive, hands-on experience in cloud infrastructure, DevOps, and full-stack software administration.
- **IAC & Pipelines:** Proven experience in writing and deploying infrastructure-as-code and building CI/CD pipelines.
- **Domain Context:** Experience managing government or regulated-sector IT/cloud environments is highly desirable.
- **Compliance:** Hands-on experience leading ISO 9001:2015 QMS and/or ISO 27001 ISMS certification processes.

Preferred Certifications

- Microsoft Certified: Azure Developer Associate or Azure DevOps Engineer Expert.
- Microsoft Certified: Azure Administrator Associate (AZ-104).
- Certified Kubernetes Administrator (CKA).
- ISO 27001 Lead Implementer / Auditor.
- CompTIA Security+ or equivalent security certification.

Key Performance Indicators (KPIs)

- High deployment frequency and success rate of CI/CD pipelines with zero production downtime.
- Server and platform uptime maintained at 99.9% or above.
- Zero critical security incidents attributable to infrastructure or software misconfigurations.
- Seamless execution of API integrations and reduction in system latency.
- Successful completion of ISO surveillance audits with zero major non-conformities.