



Hire premium, dedicated virtual developers. Build your own edev Team

Nirmal K Cloud engineer

Cloud Engineer with over 7 years of experience in infrastructure administration, specializing in AWS, IBM Cloud, and Azure environments. Proficient in server, network, and virtualization management with a focus on automation, DevOps practices, and cloud-based application monitoring. Experienced in scripting, infrastructure-as-code, and troubleshooting across both Windows and Linux systems.

Educational Qualification:

- M.Sc. in Cyber Forensic and Information Security – Madras University, Chennai (2019-2020)
- B.Sc. in Computer Science – A.M. Jain College, Chennai (2010-2013)

Technical Skills

Cloud Platforms: AWS, IBM Cloud, Azure

Services: Nginx, Apache, Tomcat, Kafka, NPM-PM2

Databases: MongoDB, MySQL, Redis

Scripting: Shell, Python

DevOps & CI/CD: Jenkins, Azure DevOps, Ansible, Manage Engine

Virtualization: VMware, ESXi, Vcenter, Docker

Networking: MPLS, Firewall (Fortinet, Vyatta), Switches, BGP, RIP, OSPF, IPsec

Infrastructure as Code: Terraform

Monitoring & Automation Tools: Grafana, NewRelic, Nagios, N8N, Cron, SIEM

Access Management: Arcos PIM/PAM

Backup & Sync: Veeam, Azure ASR



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Expertise

Cloud Infrastructure & Application Monitoring: Experience in managing AWS, IBM Cloud, and Azure cloud infrastructures, ensuring high availability and load balancing for applications. Proficient in cloud monitoring and troubleshooting using tools like Grafana, NewRelic, and Nagios.

Server & Network Management: Expertise in managing virtual machines, web servers, firewalls, and network configurations in both production and development environments, using technologies such as Apache, Tomcat, and Nginx.

Automation & Scripting: Skilled in automating tasks using Shell and Python scripting, as well as tools like Jenkins and N8N. Experience in creating CI/CD pipelines for deployment automation.

Security & Compliance: Configured SIEM monitoring tools and implemented security practices including 2FA, OS hardening, and regular vulnerability patching. Experienced with PCI DSS and CertIN compliance.

Backup & Disaster Recovery: Implemented incremental and differential backups, set up disaster recovery drills, and ensured data sync between data centers using tools like Veeam and Azure ASR.

Work Experience:

Cloud Engineer (Feb 2022 – Present):

- Managed AWS cloud infrastructure and application monitoring, configured load balancers and availability groups, and automated alert posting to relevant teams.
- Worked with automation tools (N8N, Cron) and scripting languages (Python, Shell) to create custom scripts for system management.

Lead System Administrator (Aug 2018 – Feb 2022):

- Managed IBM Cloud VMs, networks, and security groups, and deployed web applications with Apache, Tomcat, and Kafka.
- Implemented CI/CD pipelines using Azure, Git, Jenkins, and Ansible, ensuring seamless deployment in production and UAT environments.

System Support (Mar 2017 – Aug 2018):

- Provided system administration for supply chain projects, handling Active Directory, desktop administration, and ERP application support.

System Executive (Feb 2014 – Feb 2016):

- Installed, configured, and administered operating systems (Windows, RHEL, CentOS, Ubuntu) and performed user administration and server maintenance.