MUHAMMED NOUFAL. I
CLOUD SYSTEMS ENGINEER

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PROFILE SUMMARY

Cloud Systems Engineer with strong expertise in Linux infrastructure, cloud platforms (AWS & Azure), containerization, automation, and CI/CD. Proven background in cloud migration, performance tuning, cost optimization, and delivering secure, scalable infrastructure for enterprise and government environments. Adept at DevOps practices, monitoring, and ISO-aligned compliance.

PROFESSIONAL EXPERIENCE

TIMES WORLD, Dubai

Infrastructure Engineer   Jul 2024 – Present

Cloud & Server Migration:

- Upgraded Azure Basic SKU load balancers and Public IPs to Standard SKU, improving reliability and security.
- Executed zero-downtime migration from Ubuntu 18.04 to 22.04/24.04 LTS, including Plesk upgrades.
- Migrated 30+ websites with DNS, mail, SSL configurations and completed post-migration validation.

CI/CD & Automation:

- Built CI/CD pipelines for Node.js applications using Azure DevOps and GitLab.
- Automated deployments using Plesk CI/CD and Git webhook integrations.
- Implemented automated deployment workflows for Hostinger-based applications.

Enterprise & Government Infrastructure:

- Designed secure on-prem environments for multiple government entities aligned with cybersecurity standards.
- Implemented 3-tier architecture for RTA Eco Fleet under compliance requirements.
- Delivered infrastructure for DEDT projects including The Fund and Fairtrade.

Monitoring & Optimization:

- Deployed Prometheus + Grafana for real-time monitoring and alerting.
- Conducted LoadRunner-based load testing to identify bottlenecks.
- Supported onboarding of Site24x7 for unified monitoring.

Security & Compliance:

- Developed infra, application, and web-level security checklists.
- Contributed to ISO 9001 & ISO 27001 documentation and audit readiness.
- Implemented endpoint protection and access control.

IT Administration & Operations:

- Installed and managed Active Directory for centralized identity management.
- Deployed IT Asset Management system for devices, licenses, and software.
- Managed secure credential provisioning for onboarding/offboarding.
- Delivered L1/L2 support ensuring uptime and customer satisfaction.

Cost Optimization & Cloud Efficiency:

- Replaced paid Plesk licenses with CloudPanel.io, significantly reducing hosting panel licensing cost.
- Shifted staging/development workloads to Digital Ocean and Contabo, achieving Azure-equivalent performance at lower cost.
- Designed deployments aligned with cost calculators to maintain budget predictability.

HASH CODE IT SOLUTIONS, Dubai

Cloud System Engineer   Sep 2021 – Jun 2024

Cloud & Infrastructure Management:

- Managed Linux servers across AWS, Azure, Digital Ocean, and Contabo.
- Installed and maintained Odoo instances for multiple clients.
- Built Docker-based Odoo environments to reduce infrastructure footprint.

Deployment & Automation:
- Automated Odoo database backups using Bash.
- Deployed Docker-based Odoo clusters for test and production environments.
Monitoring & Security:
- Implemented monitoring stack using Prometheus, Loki, Promtail, and Grafana.
- Configured Nginx reverse proxy and automated SSL issuance via Certbot.
Support & Collaboration:
- Managed mail servers and deployed Zulip for collaboration.
- Provided multi-tier support and system installations.
Cost Optimization:
- Introduced Docker-based multi-instance Odoo deployment enabling multiple instances on a single server, eliminating per-instance servers and achieving significant cost savings.
- Introduced open source zulip instead of slack to reduce cost.

TECHZMATRIX SOFTWARE TECHNOLOGIES Pvt. Ltd

AWS Support Engineer   Feb 2020 – Jul 2020
- Provide first line response to general IT inquiries for troubleshooting, technical assistance, assessment of situations and escalate issues to IT support team for quick resolution
- Provide suggestions and recommendations as necessary on IT network, security, and server
- Maintain, update manuals and provide training for company's systems (HR, Digital Signature platform, Virtual Desktop, etc) and proactively disseminate information on ICT matters.

TELEYSIA NETWORKS Pvt. Ltd

RF Engineer   Sep 2016 – Dec 2019
- Conducted RF surveys, drive tests, network optimization, and UBR/IWAN deployment.
- Supervise on premise cable routing for IWAN project (outdoor device to switch).
- UBR survey installation commissioning operation & maintenance. Customer technical support and report making.

SYSLINT TECHNOLOGIES INDIA Pvt. Ltd

Junior Support Engineer   Sep 2015 – Mar 2016
- Provided Linux server support (RedHat, Ubuntu, Fedora) for global clients.

EDUCATION

MBA – Information Technology, SGV University, India   2022–2024
Bachelor of Technology, College of Engineering Karunagappally, India   2010–2014

CORE SKILLS

- Linux Administration (Ubuntu, RHEL)
- AWS, Azure, Digital Ocean
- CI/CD: Azure DevOps, GitLab
- Docker & Containerization
- Monitoring: Prometheus, Grafana, Loki Stack
- Nginx, Apache, Plesk / Cloud Panel
- Bash Automation
- SSL, DNS, Load Balancers
- Infrastructure Security & ISO Compliance

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate
- Red Hat Certified System Administrator (RHCSA)
- Red Hat Certified Engineer (RHCE)
- Huawei Technical Safety Passport