



VIHANGA DESHAN PEIRIS

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SUMMARY

Infrastructure & Cloud Engineer with strong experience designing, deploying, and operating scalable, highly available infrastructure across AWS, Azure, Hetzner, and Linode. Skilled in Linux systems administration, CI/CD pipelines, LAMP and MERN stack deployments, cloud security, monitoring and logging, and cost optimization. Proven ability to automate infrastructure operations, improve system reliability, and support production environments with high availability and performance.

WORK EXPERIENCE

Databox Technologies — Infrastructure Engineer

Oct 2022 - Present

- Designed and managed multi-cloud infrastructure across AWS, Azure, Linode, and Hetzner for production environments.
- Built and maintained automated CI/CD pipelines to streamline application deployment and release processes.
- Optimized and supported multi-tenant SaaS platforms to ensure high availability and performance.
- Improved cloud cost efficiency through resource optimization, instance rightsizing, and storage management.
- Implemented centralized logging and monitoring using Logstash and Zabbix to enhance system reliability.
- Automated operational workflows to reduce manual intervention and improve team productivity.

Inter-Prompt Global - Freelance Field Engineer

Jan 2022 - Present

- Installed, upgraded, activated, and cabled business-critical network infrastructure including routers, switches, firewalls, and related equipment in enterprise data center environments.
- Delivered data center infrastructure projects involving firewall deployments, NAS systems, and rack installations.

Vallibel One PLC - IT Executive

Jan 2018 - Sep 2022

- Diagnosed and resolved PC hardware, application, networking, and infrastructure-related issues.
- Administered Windows Server environments including Active Directory, DNS, and DHCP services.
- Performed server upgrades and maintenance to improve system reliability and security.
- Implemented and managed firewall solutions to enhance network security and control access.

Sampath IT Solutions - IT Technician

Aug 2016 - Dec 2017

- Configured and maintained computer hardware and network systems across branch environments.
- Troubleshoot banking network equipment and systems to ensure uninterrupted operations.
- Provided technical support as part of the help-desk team, resolving user and system issues efficiently.

EDUCATION

BSc (Hons) Computer Networking

Jan 2021 - Jan 2022

University of Wolverhampton

- Grade: Second Class (1st Division)
- Research Project "Implement System for IoT based Pet Fish Farming Management System"

HND in Network Engineering

Jan 2019 - Dec 2020

CINEC CAMPUS

- Grade: Merit
- Final Year Project "Implement System for IoT based Pet Fish Farming Management System"

Deploma - Network Administration with Security

Vocational Training Center – Dehiwala

Deploma - Linux Server Management & Security

Vibernetes Academy

CCENT, CCNA

Great Lake CISCO CCNA Training Centre

PROFESSIONAL CERTIFICATIONS

- AWS Certified Cloud Practitioner (CLF-C02)
- Azure Fundamentals (AZ-900)
- Azure Administrator (AZ-104)
- MCSA: Windows Server 2016
- MCSE: Core Infrastructure
- Oracle Cloud Infrastructure Foundations (OCI Foundation)
- MongoDB Basics (M001)

TECHNICAL SKILLS

- **Cloud Platforms:** AWS, Azure, multi-cloud infrastructure management
- **CI/CD & Automation:** Jenkins, GitHub Actions, Bash, Azure DevOps
- **Containers & Orchestration:** Docker (containerization and deployment)
- **Web & Application Stacks:** LAMP and MERN stack deployments
- **Web Servers & Caching:** Nginx, Apache, Nginx edge caching and reverse proxy configurations
- **Monitoring & Logging:** Logstash, Zabbix, PM2
- **Databases:** MySQL, MongoDB

ADDITIONAL INFORMATION

- **Languages:** English, Sinhala
- **Activities:** Actively participated in the community outreach program with Dhammika & Priscilla Perera Foundation (DP Education), providing system design support and IT consultation while promoting STEM education and inspiring local students.

NON-RELATED REFEREES

Mr. Sameera Priyadarshana

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