

## CONTACT

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**Business:** Merkei Solutions

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## PROFILE

Cloud & Systems Administrator and Freelance Developer with deep expertise across Azure, GCP, Microsoft 365, networking, and cybersecurity. Founder of Merkei Solutions, building secure, automated cloud infrastructure and backend platforms using Docker, FastAPI, PostgreSQL, and Cloudflare Zero Trust. Proven ability to deploy and optimize resilient IT systems for international and enterprise environments.

## CERTIFICATIONS

- Kuwait MPW Certified Network Engineer
- Google Cloud Certified – Associate Cloud Engineer
- Microsoft Certified: Azure Fundamentals (AZ-900)
- Google Workspace Administrator
- Multi-Cloud Network Associate – Aviatrix
- Cisco Networking Essentials / CCNA 200-301
- Diploma in Network Engineering with Security – NextGen Campus
- Penetration Testing: Active Directory
- Windows Server 2019: AD Install & Configure
- Checkpoint Firewall R81 CCSA – ZB Networks
- Oracle Fusion Cloud HCM – Foundations Associate
- Oracle Fusion Cloud ERP – Foundations Associate

## CORE SKILLS

**Cloud:** Azure, GCP, AWS, DigitalOcean, Contabo, Microsoft 365 / Entra ID

**DevOps & Automation:** Docker, Docker Compose, Python, Bash, FastAPI, PostgreSQL

**Security & Networking:** Cloudflare Zero Trust & Tunnels, WAF, Nginx, Fortinet, Checkpoint, Meraki, VPN (IPsec, WireGuard)

**VoIP:** Sangoma, Issabel, Jasmin SMS Gateway, PBX, SIP trunking

**Tools:** VS Code Remote SSH, ServiceNow, Jira, Linux/Windows/Mac servers

## LANGUAGES

- English
- Sinhala
- Tamil

# VINOD LAKMAL

Cloud & Systems Administrator · Freelance Developer · Founder, Merkei Solutions

## WORK EXPERIENCE

### Merkei Solutions

2021 – Present

*Founder & Operator / Freelance Developer*

Founded and operate an IT solutions practice delivering cloud infrastructure, backend development, and security architecture. Built a FastAPI/PostgreSQL eSIM inventory & delivery platform with automated order and notification flows; deployed a Jasmin SMS gateway on DigitalOcean for secure OTP delivery; implemented Cloudflare Zero Trust tunnels to secure multi-server access without open inbound ports; and deployed Merkei Mart, a WooCommerce store on Contabo VPS with custom Nginx and WAF hardening.

### Neovation Digital

2024 NOV – Present

*Senior Network & System Administrator*

Deployed end-user monitoring for system visibility and proactive issue resolution. Configured and monitored Fortinet firewalls and TCP/IP traffic for robust security. Managed Microsoft 365 / Entra ID (Exchange Online, Teams, SharePoint, OneDrive, Intune, MFA, Conditional Access). Led open-source rollouts (asset management, RMM, OrangeHR, IT service desk). Administered Azure, Windows, and Linux servers (VM, storage, backup, monitoring) and full VoIP environments (Sangoma, Issabel, PBX, SIP trunking, call center).

### Global Tote Lankan (BETMAKERS Group)

2020 NOV – 2024 NOV

*IT Administrator*

Configured and maintained Checkpoint and Meraki firewalls and Cisco switches for network stability and secure traffic flow, managing license renewals. Administered Windows and Linux servers with backups and disaster-recovery planning. Provided end-user support via ServiceNow, Jira, and Service Desk. Managed Microsoft 365, Google Workspace, Teams, Zoom, Slack (owner-level), and Active Directory. Implemented CCTV and fingerprint access systems.

### Ktronix Lanka

2019 FEB – 2020 OCT

*Senior IT Technician*

Assembled computers, installed software, performed upgrades, and configured routers. Provided LAN/WAN network setup for clients. Administered CCTV, fingerprint systems, and domain controller maintenance.

### Ministry of Public Works – Kuwait

2015 APR – 2018 APR

*IT Systems Administrator*

Implemented and managed domain controllers (setup, configuration, support). Administered network printers, fingerprint systems, and CCTV. Ensured smooth IT operations through troubleshooting, hardware maintenance, and end-user support in an international government environment.

### Beyond Computers Pvt Ltd

2009 MAY – 2015 MAR

*Senior IT Technician*

Supported IT infrastructure across Windows, Linux, and Mac systems, network devices, and endpoint hardware. Administered email systems including Outlook, POP/IMAP/SMTP, and Exchange (cloud and on-premises). Performed troubleshooting, installation, and maintenance, and supported clients with network setup and access management.

## EDUCATION & REFERENCES

**Education:** Diploma in Certified Network & Cybersecurity Engineer (NextGen Campus); RHCSA Linux Administration (Sybergate Linux Academy); Cisco Essentials (NETACAD); CCNA modules (WinSYS City Campus); AZ-104 (in progress).

**References:** Hingston Lovell — Software QA Lead, Intervest Software Technologies · lovellh21@gmail.com · +94 77 817 9457 | Shashila Heshan — Senior Technical Lead, Allion Technologies · shashilah@alliontechnologies.com · +94 76 238 0660