SAMUEL GEORGE

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Summary

Motivated Junior ICT Engineer with practical experience in IT support, telecommunications, software development and internet security. Bachelor's degree in networking and security, with a growing interest in cybersecurity and blockchain development. Quick to learn, adaptable, with a passion for driving innovation and implementing solutions that benefit local businesses, communities and the Government.

Experience

Graduate ICT Engineer   10/2023 to 04/2025

Vodafone Vanuatu   **Port Vila, Vanuatu**

- Compiled comprehensive reports on network performance.
- Handled domain setup and DNS management tasks.
- Provided advanced assistance for internet and network issues.
- Assist with periodic health checks for all relevant systems.
- Assist with Helpdesk, procurement of hardware, software, and IT security.
- Operate and maintain various telecommunication platforms.
- Responsible for installing, maintaining, and troubleshooting IP-based networks, and services for clients and internal systems.
- Managed installation, configuration, and maintenance of computer hardware, software, and networks in a corporate environment.

Transmission Engineer (Trainee)   03/2023 to 10/2023

Vodafone Vanuatu   **Port Vila, Vanuatu**

CORE RESPONSIBILITIES.

- **Assist in Transmission Network Maintenance.**
  Support the operation and maintenance of transmission links, such as microwave, fibre optic, and satellite connections.
- **Monitor Network Performance.**
  Use monitoring tools to track network uptime, signal strength, and bandwidth usage across islands and cell sites.
- **Maintain Site Equipment.**
  Assist in inspecting and maintaining transmission equipment at tower sites and network operation centres/data centres.

FIELDWORK

- **Field Visits to Remote Sites.**
  Accompany senior engineers to island or rural sites to conduct checks, installations, or maintenance of transmission infrastructure.
- **Assist in Network Upgrades.**
  Participate in projects involving the rollout of new transmission technologies or network expansions.
- **Remote Power Voltage Checks.**
  Assist in checking backup power (batteries, generators) and ensuring uptime of transmission-related hardware.
- **Configuration and installation of Nano/Powerbeam m5 technology to customer site**

Learning and Development.

- **Understand Network Topology**
  Learn the transmission network layout (radio links, fiber routes, satellite hubs) across Vanuatu.
- **Follow Safety & Compliance**
  Observe strict safety standards and ensure compliance with regulatory and internal technical guidelines.
- **Learnt Radio Link Configuration.**
  Learn to configure and troubleshoot point-to-point and point-to-multipoint radio links for backhaul transmission.
- **Troubleshoot Transmission Issues.**
  Learn to diagnose and resolve faults in microwave, fibre, or wireless backhaul systems under supervision.

Industrial Experience Program | Software Engineer   **08/2022 to 12/2022**
Vivid Pacific & University of the South Pacific   **Suva, Fiji**

Purpose of the program
- USP designed IEP to equip students with practical skills for workforce readiness.

Outcome
- Engaged in teamwork to successfully complete tasks.
- Database administration and Web Development
- Built a network monitoring tool using Django framework (Python)

Skills

- Web Design
- Front End Coding
- Problem-Solving
- Computer Literacy
- Strong Communication
- Active Directory & Group Policy Management
- DNS (GoDaddy)
- VPN Management (Check Point SmartConsole)
- Helpdesk Ticketing Systems (e.g. Jira)

- Bash / Shell Scripting
- HTML/CSS/JavaScript/Python
- Basic switch and end device configuration
- Basic router configuration
- IPv4 Addressing & IPv6 Addressing
- Cybersecurity
- Joomla
- Wordpress Web Development

Education

Bachelor: **Networks and Security**   **2023**
University of the South Pacific   Suva
- Coursework in Computer Science, Information systems, Networking and Cybersecurity

Languages

English: C2

Proficient

Bislama: C2

Proficient

Certifications

- PACNOG31: Practical Cybersecurity
- CCNAv7: Introduction to Networks
- CCNAv7: Switching, Routing, and Wireless Essentials
- CCNAv7: Enterprise Networking, Security, and Automation
- APNIC/OGCIO : IPv6 Deployment and DNS and DNSSEC

Hobbies and interests

- Piano
- Sound design/engineering
- Football
- Website design

Driving licence

- Vanuatu Driving Licence (Motor, Common, Heavy Duty)