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CAREER OBJECTIVE

As a current postgraduate student in Network Engineering and an IT graduate from the University of Canberra, I am seeking to broaden my skills and experience in network configuration, industrial networking systems, edge network devices in critical infrastructure, IT support, web/software development, and system administration. As a network engineer, I value robust digital connections and strive for further excellence. I also have extensive experience in customer service roles within the hospitality industry; this combined experience will deliver outstanding support and assistance to enhance the user experience

EDUCATION AND EWARD

Master of Network Engineering

University of Canberra

2023 – Ongoing

- Validating the networking system in the critical infrastructure

In this program, I undertook a paid internship as part of a joint research project between [Innovation Central Canberra](#), [IP Tel Solution](#), and a well-established logistics distributor in Australia. I contributed by developing a network system that requires validation; this network is part of the digital transformation process for our distributor company. The system was extensively developed using Cisco hardware, including an industrial router and wireless access point. This validation will later serve as the foundation for digital twin technology and a potential automation process.

- Internet of Things, smart sensors for machine monitoring

As part of the engineering program, I paired with another student to develop an innovative sensor system that monitors a machine's health. This project utilises a Raspberry Pi and an Arduino tool kit to check the heat and vibration of an engine. It's recorded data, then stored in the AWS cloud for technical analysis and alerting. The results of this project can be further expanded to incorporate machine learning and complex data analysis for enhanced prediction of overall machine performance.

- Engineering without Borders, workshop volunteer (EWB)

Proposing a prefabricated design structure that aims to redesign a workspace hub for the Dawal wuru ranger of the Yirraganadji community, Cairns, Australia. The proposed alternative consists of a transportable, modular office that is lightweight and easy to handle, allowing it to be easily removed from any location at any time. This project is targeted to finalise the land lease issue that often detains local rangers from performing their daily duties of resource management.

Bachelor of Information Technology

2018 - 2021

University of Canberra

• Capstone project: MIT-Grand-Hack 2018

Developing a deep learning platform to process ultrasound datasets taken of organs within the human body, where the goal is to minimise the cost of health analysis for those who are less fortunate.

Diploma of Information Technology

2017- 2018

University of Canberra.

AwardPaid Internship

5-month paid internship with Innovation Central Canberra

2025(April – August)

West Papuan Government scholarship recipient.

Full scholarship to complete a diploma and a bachelor's degree.
scholarship to complete a master's degree.

2016 – 2021 Full
2023 - Ongoing

RELEVANT SKILLS

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- Networking system configuration/troubleshooting/testing
 - Cisco hardware implementation (configuration and installation)
 - Cloud deployment (Azure/AWS)
 - Virtual machine implementation (VMware Workstation Pro)
 - Linux deployment
 - Project management tools (Kanban, SharePoint, Drive, Webex, Outlook) - Python Programming Languages and Their Implementation.
 - Equipped with web development skills and its software tools such as HTML, CSS, and JavaScript.
 - Advanced Understanding of Microsoft Office and its implementation of Word, Excel, PowerPoint, and Visio.
 - Communication skills: Proficient in English and Bahasa/Indonesia.
 - Project planning: Complex in project lifecycle familiarity, and its tools implementation.
 - Advanced skills in Hotel Management software tools, such Opera PMS
 - Deep understanding of managing guest confidentiality, efficient file management.
 - Additional skills include customer service, phone call assistance, leadership, organisational skills, problem-solving, time management, food safety knowledge and handling, adaptability, training and development, licensing, and compliance.

EXPERIENCES

Innovation Central Canberra

2025(April – August)

Network Engineer – Intern

- Cisco Industrial Router Configuration and Installation (IR1835 Model).
- Cisco Industrial Wireless Configuration and Installation (IW9165 Model).
- Cisco lightweight access point configuration and installation (AIR AP 3802i - z - K9)
- Cisco Virtual Wireless LAN Controller configuration and deployment (Cat 9800v)
- Cisco Virtual router configuration and deployment (Cat8000v)
- Cloud, Linux, and Virtual Machine deployment
- Build and troubleshoot LAN topologies, hardware interfaces, VLANs, static routes, and DHCP/NAT, Work Group Bridge WGB), Universal Work Group Bridge(uWGB), Control and Provisioning Wireless Access Point (CAPWAP), flex connect, bridge, stand-alone, autonomous, and control-managed
- Network security WPA2/PSK, SSID design, roaming parameters.
- Network protocols: SSH, HTTP/S, TCP, UDP, TLS, DTLS, FTP.
- Project management: Kanban via DevOps, Google Drive, Microsoft SharePoint, Outlook and Webex for collaboration tools.

Deco Hotel Canberra

2024 – 2025

Receptionist

- Managing the reception area, greeting visitors, and handling inquiries.
- Answering calls professionally, transferring calls, and taking messages accurately using scheduling software “Opera PMS” to book and manage reservations for hotel guests.
Updating and entering guest details and information in the database.
- Experience with POS systems for processing payments and transactions.
- Efficiently managing front desk duties, including check-ins, check-outs, and answering queries.
- Organising and maintaining guest records and other vital documents.
- Maintaining privacy and other important information.
- Ensuring accuracy in guest booking, billing, and other administrative tasks. - Efficient in writing for drafting emails and other written correspondence.

Deco Hotel Canberra

2021 – 2025

Food and beverage

- Excellent communication skills to interact with guests, take orders, and address concerns.
- Clear and effective communication with staff, waitstaff, and customers.
- Provide attentive service and proactively assess guest's needs.
- Ability to lead and motivate.

- Highly familiar with the menu, ingredients, preparation methods, and presentation for customer inquiries.
- Effective planning and organisational abilities to coordinate daily operations.
- Quick decision-making and problem-solving skills to address issues that may arise.

Alto Scaffolding Canberra

2020 - 2022

Labourer, forklift driver

- Using a forklift to move gear across the warehouse.
- Using a forklift to load and unload the scaffold of the truck.
- Work collaboratively with a team to achieve goals according to the schedule.

Pinnacle People Canberra

2017

Waiter

- Maintained customer satisfaction.
- Carried out complete opening, running, and closing shift duties.