YOGENDER

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SUMMARY

Driven Network and Cybersecurity Professional recognised for combining strong technical foundations with adaptability and problem-solving under pressure. Experienced through internships, research, and hackathon wins, where I delivered practical solutions to real-world challenges. Known for clear communication, collaborative teamwork, and a continuous learning mindset that allows me to bridge networking and security with confidence. Excited to grow further and contribute fresh ideas and technical depth across graduate programs, internships, and entry-level roles in IT, networking, and cybersecurity.

CORE SKILLS

- **Network design & implementation:** Switching, VLANs, routing (BGP/OSPF), VPNs, NAT, DHCP, QoS, IP/MPLS, Multicast, HSRP, REST APIs
- **Cybersecurity & compliance:** Threat Intelligence, Incident Response, ISO27001, Essential Eight, MITRE ATT&CK, Phishing Analsis, Digital Forensics, Cryptography, Identity & Access Management
- **Scripting & Automation:** Python, Shell Scripting (Bash), SQL, Next.js, React
- **Software & Tools:** Cisco IOS, Juniper Mist, Wireshark, Nessus, ServiceNow, NetFlow, SNMP, MS Office 365, Visio, PowerPoint, Canva, Figma, Miro, SIEM

RELEVANT EXPERIENCE

Network Engineer (Equinix Data Centre, Perth) Temp. Apr 2025 - May 2025

- Led a project to replace legacy Cisco Meraki access points with Juniper Mist across multiple data centres and client sites, planning deployment schedules and coordinating logistics.
- Managed end-to-end AP migration (physical mounting, VLAN tagging, SSID configuration and RF optimisation) to ensure minimal downtime and improved performance for each site.
- Assisted in coordinating a small team of four by helping allocate tasks, tracking daily progress, and keeping detailed documentation of site readiness and migration.
- Adhered to Brocent's safety protocols and WA work health & safety standards during installations, highlighting a strong safety culture suited to remote and resource-sector environments.

Cybersecurity Intern (Trojan Hunt India, Delhi) Nov 2024 - Mar 2025

- Gained foundational exposure to ISO 27001–aligned security practices, including how organisations structure policies, conduct gap assessments, and align with compliance standards.
- Built familiarity with threat detection and log analysis using CrowdStrike Falcon and Elastic Stack, observing how modern tools identify anomalies and support incident response.
- Maintained clear and organised technical records while developing strong communication skills through team meetings and documentation tasks.
- Shadowed senior analysts during vulnerability assessments and risk reviews, gaining practical insight into real-world cybersecurity workflows, client engagement, and reporting standards.

Python Tutor & Robotics Mentor (Private) Sep 2024 - Present

- Mentored a RoboCup Junior competitor on Python programming and algorithm design for the Mighty Maisy Maze competition.
- Taught maze-solving strategies, sensor-based navigation and real-time obstacle avoidance using EV3/Spike Prime platforms.
- Encouraged problem-solving and critical thinking, helping the student apply programming concepts to real-world challenges.

EDUCATION

Master of Information Technology   **Feb 2023 - Dec 2024**

Murdoch University

- Major in Cybersecurity and Networking
- Research in IoT devices security using Machine Learning
- GPA 3.3/4

Bachelor of Science (Honours)   **Jul 2019 - Jul 2022**

University of Delhi

- Major in Mathematics
- Minor in Physics
- GPA 8.3/10

ACS Professional Year (ICT)   **Feb 2025 - Feb 2026**

National Institute of Technology

- Professional workplace communication
- IT business practices and ethics
- Industry readiness & project experience in Australian ICT sector

AWARDS AND CERTIFICATIONS

- Certified Network Associate Routing & Switching (CCNA)- Routing & Switching and Security
- Cisco Certified Network Professional (CCNP)- ENCOR & ENARSI
- CompTIA Security Plus (SYO-701) and Blue Team Level 1 (scheduled)
- First Place - WeMoney Financial Wellness AI Hacakthon, WeMoney x Venture UWA
- First Place - New Light Hackathon, December 2024, Curtin University (Hosted by ComSSA)
- First Place - Case Night for Future Engineers, May 2025, UWA (Hosted by Venture X Enitiate)
- Global Excellence Scholarship & International Postgraduate Student Scholarship (2023)
- Academic Excellence Award - University of Delhi

PROJECTS

Enhancing IoT Device Security through Lightweight Machine Learning Techniques

- Built lightweight machine learning models to detect malicious activity on IoT devices; improved detection accuracy by 15% while reducing computational load.
- Managed the full project lifecycle from data collection through model optimisation and documentation.
- Independently managed the full project lifecycle: data collection, model development, evaluation, and documentation.

Cybersecurity Log Analysis & Threat Detection

- Developed a Bash script to automate log analysis on UNIX systems; flagged unauthorised file access, unusual network behaviour and breach indicators.
- Automated incident report generation, improving response efficiency and reducing manual analysis time.

Helpdesk Ticket Tracker and Automated Response System

- Designed a Python-based system to categorise IT support tickets by urgency and topic; implemented rule-based automated responses for common requests (e.g., password resets, connectivity issues).
- Generated summary reports and alerts for overdue tickets to enhance visibility and service delivery.

REFEREE

- Dr. Sebastian Zander, Senior Lecturer, Murdoch University, s.zander@murdoch.edu.au, 0405307234
- Gaurav Gahlaut, Data & Systems, Water Corporation, Gaurav.Gahlaut@watercorporation.com, 0472867908
- Amit Godara, Principal Network Engineer BHP, amit.godara@bhp.com, 0405406696