

YOGENDER

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[Website](#) • [LinkedIn](#) • [GitHub](#)

SUMMARY

Graduate technologist with hands-on experience across AI systems, cybersecurity, and network infrastructure. Skilled in building machine learning pipelines, analysing system logs, and developing automation tools to improve operational efficiency and security. Experienced working with cloud environments, observability platforms, and modern development workflows to design reliable and scalable systems.

CORE SKILLS

- **Data, AI and Machine Learning:** ML model building and tuning, data preprocessing, model evaluation, and lightweight deployment and automation, Generative AI, AI Agents, Data Visuals
 - **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 Analysis, Digital Forensics, Cryptography, Identity & Access Management
 - **Scripting & Automation:** Python, Shell Scripting (Bash), SQL, Next.js, React, Ansible, PostgreSQL
 - **Software & Tools:** Cisco IOS, Juniper Mist, Wireshark, Nessus, ServiceNow, NetFlow, SIEM, Linux/Unix System(RedHat, Debian, kali), Git, Docker Implementations, VMware, Label Studio
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EXPERIENCE

Ai Developer, WeMoney, Perth

Nov 2025- Present

- Designed rule-based training pipelines and labelled datasets using Label Studio, building and maintaining machine learning environments on AWS with Python and Jupyter Notebook to develop and operationalise model training workflows.
- Architecting an internal operations platform integrating Gmail, Intercom, and Luciq Instabug into a unified dashboard for monitoring customer issues, KYC processes, and operational metrics.
- Developing AI-driven automation tools that analyse customer interactions and generate intelligent response suggestions, improving the efficiency of customer support operations.
- Implementing an automated KYC verification pipeline involving document scanning, text extraction, and record validation to streamline identity verification workflows.
- Investigating application errors, system logs, and security assessment findings, supporting troubleshooting, vulnerability remediation, and translating operational issues into structured technical proposals for product improvements.

Cyber Security Consultant, SavvyWise, Perth

Jan 2026 - Feb 2026

- Conducted security assessments and penetration testing aligned with OWASP Top 10, analysing application attack surfaces and identifying vulnerabilities across web and infrastructure layers.
- Reviewed the application codebase and Google Cloud architecture, evaluating authentication mechanisms, infrastructure configuration, and potential security weaknesses.
- Advised the team on secure architecture practices and remediation strategies, producing security architecture documentation (HLD/LLD) and written recommendations to strengthen the platform's overall security posture.

Web Technology Manager, Western Suburbs CC, Perth

Sep 2025 - Dec 2025

- Administered the club's web and membership platforms, managing user accounts, registrations, and access control groups while maintaining website content including events, announcements, match results, and sponsor updates.
- Conducted a DNS and web infrastructure review and supported the configuration of secure online payment processing, improving the reliability and security of the club's digital services.

- Developed a Python automation script to transform raw CSV match data into structured reporting formats and provided technical support and training to committee members on platform and website management.

Network Engineer, Equinix Data Centre, Perth

Apr 2025 - May 2025

- Supported a data centre wireless infrastructure upgrade, coordinating access point replacement activities, deployment schedules, and maintaining deployment documentation.
- Applied configuration updates through Juniper network management platforms to support the rollout and migration of new access points across the facility.
- Assisted with server hardware upgrades and network connectivity improvements, replacing legacy Cat5/Cat6 cabling, connecting servers to switches, assigning switch ports, and coordinating deployment activities with stakeholders in Perth and Singapore.

Cybersecurity Analyst Intern, Trojan Hunt India, Delhi

Nov 2024 - Mar 2025

- Received practical training in ISO 27001 security frameworks, supporting policy reviews and basic gap assessments to understand enterprise governance and security control practices.
- Gained hands-on exposure to security testing and monitoring tools, including Burp Suite, OWASP ZAP, Splunk, and Wireshark, learning vulnerability testing, log analysis, and early-stage incident investigation techniques.

EDUCATION

Master of Information Technology

Feb 2023 - Dec 2024

Murdoch University (GPA 3.3/4)

- Major in Cybersecurity and Networking
- Research in IoT device security using Machine Learning

Bachelor of Science (Honours)

Jul 2019 - Jul 2022

University of Delhi (GPA 8.3/10)

- Major in Mathematics, Minor in Physics
- Strong foundation in analytical thinking, quantitative problem-solving, and data-driven reasoning

AWARDS AND CERTIFICATIONS

- Cisco Certified Network Associate & Cisco Certified Network Professional (CCNP)
- Blue Team Level 1 & CompTIA Security Plus (SYO-701)
- 1st Place – Multiple Hackathons: WeMoney Financial Wellness AI Hackathon (Venture UWA), New Light Hackathon (Curtin University), Case Night for Future Engineers (UWA), The Great Forensic Hunt (Curtin University)
- Global Excellence Scholarship & International Postgraduate Student Scholarship (2023)
- Academic Excellence Award - University of Delhi

PROJECTS

SOCShield – AI Agent for Phishing Detection

- Built an AI-powered phishing detection agent that analyses emails, links, and attachments using machine learning to assist SOC analysts in identifying malicious communications.

Enhancing IoT Device Security through Lightweight Machine Learning Techniques

- Developed and optimised lightweight ML models for IoT intrusion detection using feature selection and model compression techniques, achieving high detection accuracy and validating deployment on constrained devices such as Raspberry Pi.

BlueSentinel – AI-Powered Log Anomaly Detection

- Designed a machine learning-based log monitoring system using Python to detect anomalous activities mapped to MITRE ATT&CK techniques, improving automated security monitoring and alerting.

REFEREE

- Gaurav Gahlaut, Data & Systems, Water Corporation, Gaurav.Gahlaut@watercorporation.com, 0472867908
- Anuj Garg, Network Specialist- Network Platforms, Rio Tinto, anuj.garg@riotinto.com, 0423744212
- Amit Godara, Principal Network Engineer BHP, amit.godara@bhp.com, 0405406696