

KRISH BHADANI

GRADUATE NETWORK ENGINEER · ROUTING & SWITCHING · INFRASTRUCTURE

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PROFILE

Final-year IT student specialising in Networking with a CCNP-level foundation in enterprise routing and switching, complemented by hands-on VMware, AWS, and Python network automation. Seeking a graduate Network Engineer, Network Administrator, or Infrastructure role from November 2026.

KEY SKILLS

Routing & Switching: OSPF, EIGRP, BGP, STP, HSRP, VLANs, inter-VLAN routing, ACLs, NAT, IPv6, DHCP, DNS

Network Tools: Cisco IOS, Cisco Packet Tracer, Wireshark, Nmap

Cloud & Virtualisation: VMware vSphere 8 (ESXi, vCenter, HA/DRS, vMotion), AWS (S3, CloudFront, Route 53, Lambda)

Automation & Scripting: Python, PowerShell, Power Automate, SQL

Practices: Structured troubleshooting, secure network design, technical documentation, stakeholder communication

WORK EXPERIENCE

IT Automation Analyst — Industry Capstone · Career Embassy

Feb 2026 – Jun 2026

- Delivered a 300-hour industry project for a real business client, automating HR onboarding workflows end-to-end.
- Built Power Automate flows across Microsoft 365 (Forms, SharePoint, Excel, Word) with Python and PowerShell scripting.
- Integrated AI-assisted document generation for employment letters, policy packs and SOPs.
- Gathered requirements, tested with stakeholders and delivered production-ready outcomes on schedule.

Peer Connect Guide & Mentor · Adelaide University

Jan 2026 – Present

- Mentor new and first-year students, providing academic guidance and support navigating university systems.
- Lead orientation activities and small-group sessions, building advisory, communication and leadership skills.

Console Operator · OTR (On the Run)

May 2024 – Present

- Operate POS, EFTPOS and fuel-console systems in high-volume, high-pressure shifts.
- Troubleshoot technical faults in real time and maintain zero-error compliance on cash and stock reconciliation.
- Collaborate with team members and resolve customer issues under time pressure.

EDUCATION

Bachelor of Information Technology — Networking & Cybersecurity

2024 – Nov 2026

Adelaide University · GPA 5.175 / 7.0

Relevant coursework: CCNP Enterprise Core & Services (OSPF, BGP, STP, QoS) • Network Architecture (VLANs, ACLs, IPv6) • Network Design & Realisation • Network Fundamentals • Cloud, Virtualisation & Storage (VMware vSphere 8) • Network Security • Security Operations & Incident Response (HD) • ICT Capstone Project (Distinction)

TECHNICAL PROJECTS

Enterprise Network Infrastructure Labs

Cisco IOS · OSPF · EIGRP · BGP · IPv6

- Designed and configured multi-protocol enterprise topologies covering dynamic routing, switching and inter-VLAN routing.
- Implemented and verified ACLs, NAT, IPv6 and redundancy protocols (STP, HSRP) across CCNP-level lab scenarios.
- Performed structured troubleshooting and documented outcomes aligned with CCNP Enterprise coursework.

Cloud Infrastructure & Virtualisation Lab

VMware vSphere 8

- Configured an ESXi/vCenter cluster with HA, DRS and vMotion for high availability and resource balancing.
- Managed virtual networking (vSwitches, VLANs) and storage across the cluster.
- Implemented resilience and security controls appropriate to enterprise virtualised infrastructure.

Packet Sniffer & Network Monitor

Python · Scapy · github.com/krishbhadani/packet-sniffer-ids

- Built a real-time packet capture and traffic-analysis tool that inspects live network traffic on a chosen interface.
- Detects anomalies such as port scans and suspicious ports, using IP whitelisting to reduce false positives.
- Logs alerts to structured JSON for later analysis — demonstrates packet-level networking and Python automation.

Network Security Auditor

Python · Nmap · NVD API · github.com/krishbhadani/network-security-auditor

- Developed a Python CLI that scans hosts with Nmap and detects running services and versions.
- Queries the NIST National Vulnerability Database (NVD) API for known CVEs and CVSS scores per service.
- Implemented rate-limiting, caching and error handling; exports structured JSON audit reports for network hardening.

Network Security Testing Lab

Nmap · Wireshark · Metasploit

- Performed controlled network reconnaissance, traffic analysis and vulnerability testing in a lab environment.
- Produced structured findings and remediation notes to support secure network design.

AWS Cloud Portfolio (this site)

S3 · CloudFront · Route 53 · Lambda

- Deployed a personal portfolio site on AWS using S3 static hosting fronted by CloudFront (CDN) with Route 53 DNS.
- Built a serverless contact-form backend using Lambda and API Gateway.

LEADERSHIP & AWARDS

- **International Merit Scholarship** — Adelaide University (2024)
- **Peer Connect Guide & University Mentor** — supporting first-year students and university engagement
- **ICT Capstone Project — Distinction** — industry-linked automation project

REFERENCES

Smit Chitania — Systems Project Lead, Sunshine Coast Council | **Drashti Maniya** — Associate End User Support Engineer, SA Power Networks | **Vesna Humphries** — Store Manager, OTR