KRISHAN HIMESH ABEYRATHNE

Graduate Network and Cybersecurity

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St Kilda, Melbourne, VIC 3182 📍

SOFT SKILLS

- Strong communication skills
- Excellent customer service
- Detail-oriented and organized
- Passionate and eager to learn
- Team player with leadership ability
- Effective multitasking and problem-solving
- Adaptable and flexible
- Deadline-driven and works well under pressure

SUMMARY

Information Technology Graduate with a major in Cybersecurity, skilled in network security, system administration, and cloud platforms (Azure, AWS). Proficient in network protocols (TCP/IP, DNS, VPN), cybersecurity principles (encryption, threat analysis), and managing virtualized environments (VMware, VirtualBox). Strong troubleshooting abilities with a passion for AI, blockchain, and emerging technologies. Seeking an entry-level IT role to apply and grow expertise in network engineering and cybersecurity, with proven leadership and teamwork skills.

TECHNICAL SKILLS

Operating Systems & Platforms:
- Linux, Windows 10, Windows 11
- **Virtualization:** VMware, VirtualBox
- **Cloud:** Microsoft Azure, Google Cloud, AWS

Programming & Scripting:
- Python, Java, R, Node.js
- HTML, CSS, Bootstrap
- Node-RED

Networking & Security:
- **Network Protocols:** TCP/IP, DNS, DHCP, FTP, HTTP/S
- Firewalls, VPNs, IDS/IPS
- Encryption, Penetration Testing, Threat Analysis

Tools & Technologies:
- Git, SQL, NoSQL
- Docker, Kubernetes
- ArtCAM, CAD/CAM

Office & Collaboration:
- **Microsoft Office Suite:** Outlook, Excel, Word, PowerPoint, Teams, OneDrive, Project, Visio

EDUCATION & QUALIFICATIONS

Central Queensland University
Bachelor in Information Technology major in Cybersecurity
2024 | **GPA 6.875**

Key Projects:
- **KN University Network Design:** Designed a secure, multi-campus network using VLANs, firewalls, and IoT integration. Deployed Active Directory with RBAC and cloud solutions for scalability and prototype Physical Network.

- **Smart Home System (CQ Smart Systems):** Developed a cloud-based IoT home management system using Azure IoT Hub and Node-RED. Implemented real-time monitoring, Kubernetes, Docker, and security protocols.

- **BiZChat – AI Chatbot:** Created a business advisor chatbot using Dialogflow and ChatGPT API with speech recognition and Python GUI.

- **Facial Recognition Attendance System:** Built a real-time attendance system using OpenCV and HOG for face recognition, ensuring privacy compliance.

- **Cryptography Security Project :** Implemented secure communication using Diffie-Hellman key exchange and AES encryption.
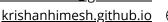
Metropolitan College
Higher National Diploma in Marketing
2017

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WORK EXPERIENCE

CNC Machine Operator and Programmer
SAS Signages | March 2024 - Present

- Program and operate CNC machines for precise cutting and engraving of signage materials.
- Utilize CAD/CAM software (ArtCAM) to design and modify templates for customer projects.
- Collaborate with the production team to ensure timely completion of custom orders.
- Perform routine maintenance and troubleshooting of CNC machinery to minimize downtime.

Fabricator - CNC Machine Operator
Nextform Pty Ltd | August 2022 - August 2023

- Used 3D CAD/CAM software (SEMA) to design parts for custom fabrication projects.
- Programmed and operated CNC machines, ensuring high precision in manufacturing processes.
- Reviewed technical drawings and optimized machine settings for efficient production runs.
- Monitored quality control and ensured all products met industry standards and client specifications.

Area Manager - QLD
CleanPeak | December 2021 - July 2022

- Managed regional operations across multiple locations, overseeing staff and resources.
- Implemented inventory management systems to track stock and reduce waste.
- Coordinated with clients to ensure project requirements were met within deadlines and budgets.
- Supervised training programs to enhance team skills in IT systems and safety protocols.

Store Manager
Dominos Kirwan, Australia | January 2020 - November 2021

- Led a team in day-to-day operations, managing schedules, inventory, and logistics.
- Used point-of-sale (POS) systems and analytics to optimize inventory levels and reduce costs by 10%.
- Improved team performance by developing a comprehensive training program that increased employee retention.
- Implemented customer feedback systems to achieve a 95% satisfaction rate.

AWARDS AND CERTIFICATION

Sri Lanka Computer Competency License
NAITA | 2014

Demonstrated proficiency in essential computer skills, including office applications, internet usage, and basic troubleshooting. Certified by the National Apprentice and Industrial Training Authority (NAITA), this qualification reflects a strong foundation in computer literacy and technical competence.

SLIM
Preliminary Certificate in Marketing
2013

President's Award
The highest award in Scouting
2009

REFERENCES

- **Dr Steven Gordon BEng PhD**

  Head of Course – Postgraduate ICT Courses, College of Information and Communications Technology, School of Engineering and Technology, CQUniversity.

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- **Mr. Suranga Meegoda**

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