

Krishna Priya Nimmagadda

[Email](#) | [LinkedIn](#) | [GitHub](#)

Summary of Qualifications

Passionate about cybersecurity and software development with hands-on experience in AI, cloud security, and network engineering. Strong leadership and collaboration skills through tutoring and board roles.

Education

Victoria University of Wellington

Bachelor of Science, Computer Science

Specialization in Cybersecurity and Software Engineering

Wellington, New Zealand

June 2025

Relevant Coursework

Software Engineering (Development, UI/UX, Databases), Cybersecurity (Systems, Networks, Cloud, Code, Cryptography), Computational Linguistics and NLP, Networking and Cloud, Data Structures and Algorithms

Technical Skills

Programming Languages: Python, Java, Bash, C++, C, HTML, CSS, JavaScript

Operating Systems: Windows, Linux, Unix

Cloud and DevOps: AWS EC2, AWS S3, Git, Docker, CI/CD Pipelines

Cybersecurity and Networking: TCP/IP, IAM, threat detection, vulnerability assessment

Relevant Experience

Academic Tutor (System and Network Security, Introduction to Engineering)

Victoria University of Wellington

Feb 2023 - Jun 2023, Mar 2025 - Present

- Assisting Lecturer for conducting labs and invigilating tests.
- Marking assignments and labs alongside other tutors.
- Guided students in understanding cybersecurity concepts for CYBR371 and foundational engineering for ENGR101.

Project Experience

Brainrot Chatbot: Hack the Future: AI & Open Source (2025)

[GitHub Link](#)

- Built an AI-powered educational chatbot using Python, Firebase, and OpenAI.
- Designed a gamified learning experience, improving engagement through NLP and real-time database updates.

MacroFit: United Hacks V4 (Hack United) (2025)

[GitHub Link](#)

- Developed a fitness tracking web application using Python, and Streamlit.
- Integrated data visualization, chatbot support, and mental health tracking features.
- Designed a framework for holistic health tracking, addressing fitness, nutrition, and well-being.

SkillCrafttr: Personal Project (Ongoing)

[GitHub Link](#)

- Developed an AI-driven chatbot to provide personalized study and career guidance for students, leveraging NLP and Firebase for real-time responses.
- Built using HTML/CSS/JS and deployed on Vercel. Currently working on database management.

Volunteer Experience

Social Media Manager for **Victoria Esports Association** and **Victoria Engineering Club**

Jul 2022 - Present

Victoria University of Wellington

- Managed social media channels, increasing engagement and event participation.
- Designed promotional materials and organized gaming events and club activities.

Class Representative for **Computational Mathematics**

Jul 2023 - Nov 2023

Victoria University of Wellington

- Acted as a liaison between students and faculty, addressing concerns and improving course communication.

Tutor

Feb 2021 - Nov 2021

Nelson College for Girls

- Provided academic support in Mathematics, Sciences, and English to students, including those from refugee backgrounds.

Social Media Manager

Mar 2020 - Nov 2021

Multicultural Youth Nelson Tasman

- Managed social media content and promotional campaigns for a multicultural youth organization.

Certifications

CompTIA Network+ (In Progress)

Expected completion: May 2025

Skills: Network Security, Troubleshooting, Infrastructure, Protocols.

Ethical Hacker, Cisco

Issued: Oct 2024

Skills: Threat Detection, Network Vulnerabilities, Cyber Risk Mitigation.

Introduction to Cybersecurity, Cisco

Issued: Jan 2024

Skills: Cyber Best Practices, Secure Networking.

Cisco MentorMe Program

2023

Mentored by Cisco professionals, gaining industry insights.

New Zealand Certificate in Youth Work - Level 3

Issued: Nov 2021

Skills: Communication, Teaching, Teamwork, Community Outreach, Mentoring, Youth Mentoring.