NETHMI NIMASHA

BSc. (Hons) in Computer Engineering (UG)

✉ nethnissanka2000@gmail.com 📞 +94 71 7619020

📍 Kurunegala, Sri Lanka 🐙 Nethnissanka in Nethmi-Nishshanka

Seeking a 6-month internship opportunity starting on May 14, 2025

Profile Summary

I am a third year Computer Engineering undergraduate from the University of Ruhuna, with strong networking fundamentals and practical experience in Computer Network. I adapt quickly to new challenges and am passionate about continuous learning in the networking field. Seeking a network engineering internship to develop practical experience in network design, implementation, and troubleshooting while applying my programming and problem solving abilities to network related challenges.

Skills

- Networking Foundations : Computer Networking Basics, TCP/IP fundamentals
- Networking Tools: Packet Tracer, Docker
- Database Management: SQL, MongoDB
- Tools & Practices : Jira, Git, Agile Development, CI/CD, Docker
- Programming Languages : Java, C, C++
- Software Development: React, Tailwind CSS, Node.js, Express
- Machine Learning, Deep Learning : Basics
- Soft Skills : Leadership, Time management, Clear communication, Decision making

Education

BSc (Hons) Computer Engineering, 2022 – present
Faculty of Engineering, University of Ruhuna, Sri Lanka | GPA - 3.65

Additional Qualifications

- **Diploma in English** | Aquinas College of Higher Studies, Colombo
- **Diploma in Information Technology** | IMBS Green Campus, Sri Lanka
- **GCE Advanced Level | 2 A's & 1 B** | Holy Family Balika, Kurunegala
- **GCE Ordinary Level | 9 A's** | Holy Family Balika, Kurunegala

Certificates

- Introduction to the Computer Networking | Simplilearn 🔗
- CCNA 200-301 Network Fundamentals | Simplilearn 🔗
- Introduction to Data Science | Cisco Networking Academy 🔗
- Introduction to Modern AI | Cisco Networking Academy 🔗
- Introduction to Cybersecurity – Cisco Networking Academy 🔗
- Networking Essentials | Cisco Networking Academy (ongoing)

Other Technical Projects

Automated HR Management Tool | MERN | Group Project

- Developing a web-based HR management system for **real client** to streamline job recruitment, applications, department management and employee management.
- Built with React, Tailwind CSS for frontend and Node.js, Express, MongoDB for backend with custom GPT key for CV evaluation.

ML Project | Cryptocurrency Price Prediction | Random Forest, Linear Regression

- Built a machine learning model using Random Forest & Linear Regression for price prediction.
- Trained on historical data from Bitcoin, Ethereum, and Dogecoin.

Online Food Ordering System | MERN | CI/CD

- Developing a web-based food ordering platform with user authentication and order management.
- Implementing CI/CD pipelines for automated testing and deployment.

Plant Disease Prediction | CNN

- Developing a CNN based application for plant disease prediction.
- Creating a Streamlit web interface for real-time image uploads.

Cassida Luxury Hotel Room Booking| Full Stack | MERN

- Developed a hotel rooms booking website with user authentication and an admin panel.
- Integrated **Stripe** for secure payment processing.

Interests

- Network Engineering
- Software Engineering
- Artificial Intelligence
- Cyber Security
- Machine Learning
- Cloud networking

Achievements

IEEEXtreme 18.0 (2024) - Ranked **4th** at University Level, **17th** in Sri Lanka, and **316th** globally

Professional Affiliations

IEEE Student Member
Membership Number- 99637816

IESL Student Member
Membership Number - S-31794

Volunteer Experience

IEEE WIE Affinity Group, University of Ruhuna, 2024 – present
Public Relations and External Affairs Committee Lead (PR)

International Women in Engineering Day Celebration, IIT, Jun 2024
Event Volunteer - WIE Day 2024

Eminence 4.0, IEEE Student Branch, University of Ruhuna, 2024
Organizing Committee Member (Program Team)

IEEE Student Branch, University of Ruhuna, 2024
Committee Member, IEEE Jamboree

Volunteer - Sasnaka Sansada Foundation 2021

Reference

Dr. Kushan Sudheera
PhD (NTU, Singapore), BSc. Eng (Hons)(Ruhuna), MIEEE, AMIE (SL) Senior Lecturer, Department of Electrical and Information Engineering, Faculty of Engineering, University of Ruhuna.
kushan@eie.ruh.ac.lk | **+94 71 969 3164**