



NETHMI NIMASHA

BSc. (Hons) in Computer Engineering (UG)



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Nethnissanka



Nethmi-Nishshanka



Kurunegala, Sri Lanka

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

PROFILE SUMMARY

I am a 3rd year Computer Engineering undergraduate at the University of Ruhuna with a solid background in software development and full-stack engineering. I have hands-on experience in technologies such as React, Node.js and Java, and I'm enthusiastic about exploring areas like Machine Learning and UI/UX Design. Currently I'm looking for a **Software Engineering Internship** where I can apply what I've learned, grow through real-world experience, and be part of a team that's building something meaningful. I adapt quickly, work well in teams, and am always excited to take on new challenges.

SKILLS

- Frontend Development : React, Tailwind
- Backend Development : Node, Express
- Programming Languages : Java, C, C++,Python
- Database Management: SQL, MongoDB
- Machine Learning, Deep Learning : Basics
- Development Tools: GitHub, Postman, Figma

PROJECTS

Automated HR Management Tool | MERN | Group Project

- Developed 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.

Cryptocurrency Price Prediction |Machine Learning | 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 | Docker | Group

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

Plant Disease Prediction | CNN

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

Sri Lanka Adventure Guide |Mobile App | Flutter

- Designed a mobile app for adventure seekers with real-time weather updates, destination details & interactive maps, user authentication and a favorite places feature.
- Created with Flutter & Firebase for seamless user experience.

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.

WealthWhiz – Personal Finance Tracker | Static | HTML | CSS | JavaScript

- Designed a responsive static website for personal finance management.
- Implemented sections for income tracking, expense tracking, and financial insights.
- Designed interactive UI components for enhanced user experience.

CERTIFICATES

- Introduction to Data Science | Cisco Networking Academy [↗](#)
- Introduction to Modern AI | Cisco Networking Academy [↗](#)
- Introduction to Cybersecurity – Cisco Networking Academy [↗](#)

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

ACHIEVEMENTS

IEEEExtreme 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.

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