



# Bishan Adiptha Ranamuka

Undergraduate

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## PROFILE

Dedicated undergraduate in computer networking with a solid background in network architecture, configuration, and troubleshooting. Eager to use my practical experience and theoretical knowledge in real-world problems through an internship opportunity. Seeking to enhance technical expertise and contribute to innovative networking projects in a dynamic and growth-oriented environment.

## EDUCATION

<b>BSc (Hons) Computer Networks</b> University of Plymouth, UK	2022- present
<b>CCNA</b> Cisco Network Academy	2024- present
<b>Diploma in Information Technology (Di-Tec)</b> ESOFT Metro Campus	2018- 2019
<b>GCE Advanced Level</b> Ananda College, Colombo-10	2021

## LICENSES & CERTIFICATIONS

<b>Networking Basics</b> Cisco	2024
<b>Getting Started with Cisco Packet Tracer</b> Cisco	2024
<b>IT Security Foundations: Network Security</b> LinkedIn	2024
<b>Network Administration: Build Core Skills for Network Management</b> LinkedIn	2024
<b>Networking Foundations: IP Addressing</b> LinkedIn	2024

## SOCIAL MEDIA

LinkedIn  
[www.linkedin.com/in/bishan-ranamuka-18aa4726b](https://www.linkedin.com/in/bishan-ranamuka-18aa4726b)

GitHub  
<https://github.com/BishanAdiptha>

Website (Portfolio)  
<https://bishanadiptha.github.io/>

Facebook  
<https://www.facebook.com/bishanadiptha>

## LANGUAGES

English  
Fluent

Sinhala  
Native

## VOLUNTEER EXPERIENCES

- Volunteer: Free & Open-Source Software (FOSS) Community – NSBM
- Volunteer: International Center for Innovation and Invention (ICII) – NSBM
- Member: Music Circle - Ananda College
- Member: Buddhist Association (ACBA) - Ananda College

# ACADEMIC PROJECTS

## Smart Dehydration System

*Technologies: IOT*

Engineered an Arduino-based Smart Fruit Dehydration Machine to improve food preservation. Ensured consistent, high-quality results with precise control over dehydration. Designed for both professional and home use, promoting sustainability by reducing food waste and extending shelf life.

## AI-Powered Hairstyle Recommendation System

*Technologies: AI, Facial Shape Detection using Python*

Developed an AI-driven system to provide personalized hairstyle recommendations, integrating facial shape detection for enhanced customization. This innovative solution improves the salon experience by offering tailored suggestions based on individual facial features and preferences. Aimed to enhance customer satisfaction, streamline the hairstyle selection process, and provide data-driven insights to stylists and clients.

## Green Supermarket Website

*Technologies: HTML, CSS, Java, MySQL, Bootstrap*

Developed an innovative grocery shopping platform with JSP and Java Swing. Implemented streamlined registration, efficient checkout, and automatic data saving. Customers receive email confirmations for registrations and orders, enhancing their experience. Engaged users with LinkedIn updates.

## NSBM Database

*Technologies: SQL Server*

Enhanced NSBM Green University's management system with a comprehensive database for student registration, exams, and smart car parking. Included components like Student, Degree, Faculty, LMS, and more. Developed tailored triggers, functions, views, and procedures.

## Eco Bills Software

*Technologies: C#*

Created an electricity bill calculator for various users, featuring CRUD operations, bill reading, user authentication, and dedicated databases. Simplified bill management, increased accuracy, and promoted transparency with a user-friendly interface and scalable design.

## My Portfolio Website

*Technologies: HTML, CSS, JavaScript*

Built a personal portfolio website showcasing my details, education, certifications, skills, and projects. Designed for a comprehensive overview of my professional journey with a user-friendly interface and seamless navigation.

# PROFESSIONAL SKILLS

- Leadership & Management
- Communication
- Project management & Problem solving

# REFERENCES

- Dr. Chaminda Wijesinghe**  
Dean - Faculty of Computing  
NSBM Green University  
*Phone: +94115446014*  
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- Mr. Chamara Disanayake**  
Senior Lecturer- Department of  
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