



# NIPUNI RANATHUNGA

## UNDERGRADUATE

I am a motivated IT & Management undergraduate at the University of Moratuwa with a passion for software engineering. Seeking a Software Engineer Intern role to contribute to innovative projects and enhance my professional skills. Known for my creativity and ability to work well in teams.

## EDUCATION

### BSc (Hons) in Information Technology and Management

University of Moratuwa

2022-2026

Current GPA - 3.2 ( Up To L2S1)

### G.C.E. Advance Level

2020

R/Sivali Central College

Commerce Stream (Z Score - 1.8755)

### G.C.E. Ordinary Level

2017

R/Gamini Central College

## PROJECTS

### Rooftop Automated Green House

2022-2023

Level 1- Group Project

**Objective:** To design a fully automated greenhouse system that enhances efficiency and sustainability through the following features:

Automatic Water-Tank Filling System, Automated Plant Irrigation, Rooftop Surface Water Flow, Custom Curtain System, Humidity & Temperature Monitoring and Real Time Displaying

**Role:** Automatic Water-Tank Filling System

**Technologies :** Arduino, C++

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Moratuwa

Portfolio

Linkedin Profile

Github Profile

Medium Profile

Dribbble Profile

## TECHNICAL SKILLS

### Programming Languages

- C
- Java
- Python

### Frontend Development

- HTML
- CSS
- JavaScript
- React

### Backend Development

- Node.js
- Express
- PHP

### Database Management

- MySQL
- MongoDB
- MSSQL

Project Management

- Jira
- Trello

Version Controlling

- Git

Other

- Figma
- GIMP
- Blender
- Postman

CERTIFICATIONS

- [Certifications are available on my Linkedin Page](#)

EXPERIENCES

- Intern at Peoples Bank-Kalawana Branch
- Customer Outreach Executive at StageYou.Inc

LANGUAGES

- English
- Sinhala(Native)

SOFT SKILLS

- Leadership
- Communication
- Team work
- Flexibility
- Co-ordination

INTERESTS

- Coding
- Designing
- Travelling
- Music
- Writing

Event Management System2023-2024

Level 2- Group Project

**Objective:** This platform helps organizers efficiently manage events and allows attendees to easily find, join, and engage with events.

**Role:** Ticket Management

**Technologies :** React, React Native, NodeJS, MySQL

Skill-Based Volunteer Matching Platform2024Individual Project (Ongoing)

**Objective:** Develop a platform that connects individuals with specific skills to volunteer opportunities that match their expertise, helping organizations find the right volunteers for their needs.

**Technologies :** React, NodeJS, MongoDB

ACTIVITIES

IEEE Student Branch of University of Moratuwa2024Participated in the event "HackElite 1.0".

IEEE WIE Student Branch of UCSC2024Participated in the event "HACKAHOLICS 6.0".

LEO Club of University of Moratuwa2023Volunteered in the project "Shilpasara".

ROLES & RESPONSIBILITIES

University of Moratuwa2023-2024

- Member of LEO Club
- Member of Rotaract Club

R/Sivali Central College2017-2020

- Senior Prefect
- Treasurer of IT Association
- Secretary of Commerce Association

REFERENCES

<b>Ms. Nishara Batagoda</b> Lecturer Faculty of IT University of Moratuwa  <b>Tel</b> : +94 71 856 6464 <b>Email</b> : nisharab@uom.lk	<b>Mr. Nipuna Bandara Karunarathna</b> B.Eng(Hon's) in Software Engineering Senior Software Engineer Swivel Tech  <b>Tel</b> : +94 77 854 5162 <b>Email</b> : nipubandara53@gmail.com
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