



NILAKSHI INDUWARA

Computer Engineering Undergraduate

Profile

I am a motivated, dedicated and passionate computer engineering undergraduate. And I'm currently looking for an internship opportunity to get experience in industry and enhance my skills.

Projects

Event Attendance Management System - 3YP

(Nov 2023 - Jan 2024) [GitHub](#)

- Streamline attendance tracking for conferences, workshops, and events.
- Developed a web application to simplify attendee registration and empower organizers to efficiently manage and monitor participant engagement.
- **Technologies** - NodeJS, ReactJS, CSS, C, C++, HTML, Python, MongoDB, AWS, MQTT
- **Contribution** - Backend development, Implementation of MongoDB, Integration of Frontend, Backend and MongoDB

TecHub help desk ticketing system

(Aug 2023 - Oct 2023) [GitHub](#)

- Help desk ticketing system for the hardware repair laboratory.
- Developed a web application to simplify the repairing and payment processes for both customer and technical officers.
- **Technologies** - PHP, HTML, CSS, MYSQL
- **Contribution** - Frontend and Backend development related to Admin, Integration of Frontend with Backend, Implementation of MySQL database

Medical Clinic Manager

(Jul 2023 - Sep 2023) [GitHub](#)

- Developed a web application to enhance patient care and help medical professionals and staff to manage the medical records and reminders in one centralized, secure location.
- **Technologies** - ReactJS, Java, CSS, HTML, Spring Boot
- **Contribution** - Frontend development of the web application

Contact

Phone

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Email

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GitHub

[github/NilakshiInduwara](#)

LinkedIn

[linkedin/nilakshi-induwara](#)

Education

University of Peradeniya

(BScEngHons) specializing in
Computer Engineering
cGPA - 3.25/4.00

(March 2021 - Present)

Rathnawali Balika Vidyalaya - Gampaha

G.C.E Advanced Level
Examination 2019

4A's - Physics, Chemistry,
Combine Mathematics, English

(2011 - August 2019)

Skills

- **Programming Languages**
Python, Java, PHP in HTML, C, Java Script
- **Frameworks and Libraries**
NodeJS, ReactJS, ExpressJS, CSS
- **Databases**
MySQL, MongoDB
- **Tools**
Git, GitHub, Postman
- **Mobile App Development**
Android Studio(Java)
- **Soft Skills**
Teamwork,
Leadership,
Problem solving,
Adaptability,
Time management,
Self learning

Competitions

ACES Hackathon 2023

Participated under the Category of Agriculture

Pre-Coders 2022

Participated in Algorithmic Coding Competition (30th place out of over 60 teams)

References

Prof. Roshan G. Ragel

BScEng, PhD, Professor,
Dept. of Computer Engineering,
Faculty of Engineering,
University of Peradeniya.
roshanr@eng.pdn.ac.lk

Dr. Asitha Bandaranayake

BScEng, PhD, Senior Lecturer,
Dept. of Computer Engineering,
Faculty of Engineering,
University of Peradeniya.
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Mobile app for Inpatient Management System

(May 2023 - Jul 2023) [GitHub](#)

- Streamline and enhance the overall patient care experience by providing a centralized platform for managing all aspects of inpatient care, from admission to discharge and offering real-time monitoring of vital signs and medical updates.
- **Technologies** - Android Studio, Java, Firebase
- **Contribution** - Frontend development

Certifications

Divide and Conquer, Sorting and Searching, and Randomized Algorithms

Stanford University - coursera

Programming for Everybody (Getting Started with Python)

University of Michigan - coursera

Exploratory Data Analysis for Machine Learning

IBM - coursera

Introduction to Linux

The Linux Foundation - edX

Cyber Security Awareness Program Online Webinar 2022

PERA FAMIANNITES - University of Peradeniya

Foundation Course on Arduino Programming - 2020

A Plus - Institute of Science

Memberships

ACES - University of Peradeniya

Committee member

January 2024 - present

Hackers' Club - University of Peradeniya

Member

January 2024 - present

Volunteering

Volunteer of Project Nenathambara

September 2022 - present

Arunella Education Welfare Programme 2023

Mathematics Tutor

Mathematics & Physics Instructor for A/L students

Samadhi Institute, Gampaha (Sep 2019 -Jan 2021)