



Contact

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Address

No: 60/206, Riverside RD,
Kaludawela, Matale, Sri Lanka

Education

Nov 2019 - Present

BSc in Computer Engineering

GPA: 3.37/4.00

University of Peradeniya

Oct 2017 - Mar 2018

Diploma in Software Engineering

Esoft Metro Campus

Aug 2016 - Aug 2018

G.C.E A/L : Physical Science Stream

Z-Score: 1.80

Matale Hindu National College

Links

 [ravindranabilash.github.io](https://github.com/ravindranabilash)

 [ravindran-abilash](https://www.linkedin.com/in/ravindran-abilash)

 [RavindranAbilash](https://github.com/RavindranAbilash)

 [e18_Abilash](#)

Languages

English - Professional proficiency

Tamil - Native proficiency

Sinhala - Professional proficiency

Ravindran Abilash

Intern Software Engineer

As a computer engineering undergraduate, I am eager to find an internship where I can work collaboratively with a team of software engineers to gain practical experience, deepen my understanding of this profession, and apply my current skills to contribute meaningful value to the company.

Projects

○ Oct 2022 - Jan 2023

Corals Protector - Group

ReactJS, Node.js, Express.js, MongoDB, AWS EC2 , AWS IoTCore

- This is an IoT device that measures environmental factors for coral growth and uploads data to the website with analytics.
- Created a comprehensive web application that features both tabular and graphical data views, and provides restricted access for various user types.
- Deployed the website on an Amazon Web Services Elastic Compute Cloud (AWS EC2) instance.

○ May 2022 - July 2022

SnaT Meal Tracking - Group

Flutter , Firebase, Firestore

- SnaT, a new meal tracking app for iOS and Android, promotes mHealth by encouraging self-reflection and personal dietary modification in Sri Lankan food style to help users maintain their health and dietary habits.
- designed a user-friendly home page UI and incorporated a feature that allows users to seamlessly share their daily, monthly, or weekly food group results beyond the expected range on social media through the Android app.

○ Nov 2021 - Feb 2022

Smarties - Group

React Js, CSS, Google Teachable Machine

- This is a web application designed for children under 8 years old, offering engaging activities such as basic math, drawing, and speech exercises.
- developed a set of features that allow users to either select or draw numbers based on the task, identify images and their corresponding words, and create a picture for a given word. All answers are automatically checked and scored, and a video is suggested for further learning.

Mini Projects

○ March 2023

Automate Bulk Article Generator

ReactJS, Node.js, Express.js, ChatGPT API, Writesonic API

- This web app can automatically generate many articles at once.
- Users can upload a CSV file with multiple article titles to be generated.
- The system will generate the articles and update the CSV file for users to download.

Technical Skills

Programming languages:

- Java
- C
- Python

Frameworks & Libraries:

- Node.js
- ReactJS
- Express.js
- MUI

Web Development:

- HTML
- CSS
- JavaScript

Mobile Development:

- Flutter

Databases:

- MongoDB
- MySQL

Clouds

- Heroku
- AWS

Relevant Coursework

- Machine Learning
- Data Structures & Algorithms
- Programming Methodology
- Linear Algebra
- Statistics & Probability
- Database Systems
- Software Engineering
- Web Application Development
- Network Security
- Computer Networks
- Computer Architecture
- Operating Systems

February 2023

Reddit Post Scheduler

Python

- Python script automates posting on Reddit with images, videos, links, and text, including a scheduling feature.
- Update Excel file with content and run script for automatic posting on specified date, link recorded in separate file.

December 2022

Portfolio Website

ReactJs, CSS

- This is a straightforward portfolio website that includes various pages such as Home, Skills, Portfolio, Resume, Blog, and Contact.
- The website has been deployed in Heroku, a cloud-based platform that offers seamless application deployment and scaling.

Experience

Department of Computer Engineering, UoP

Casual Instructor

CO253- Introduction to programming and Networking

- Supported educators in leading computer engineering practical sessions.
- Developed abilities in facilitating self-directed learning.
- Strengthened expertise in guiding others towards autonomous learning.

Web Consultation Team, University of Peradeniya

Team Member

Student web presence and quality content

- Worked as a team to address the problems in university web ranking.
- Working on creating Wiki pages for the various departments as well as a people page for the departmental website.

Sri Lanka Olympiad Mathematics Foundation

Exam Proctor

2020- 2021 Online competition

- Developed leadership and organizational skills.
- Network with other educators and professionals.
- Contribute to the education community.

Rotaract Club of University of Peradeniya

Chair of the Organizing Committee

Project NextStep 360°

- Enhanced organizational and project management skills.
- Increased community involvement and impact.
- Exposure to diverse perspectives and experiences.

References

Prof. Roshan G. Ragel

Head of the Department
Department of Computer Engineering,
Faculty of Engineering,
University of Peradeniya

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Dr. Mahanama Wickramasinghee

Senior Lecturer
Department of Computer Engineering,
Faculty of Engineering,
University of Peradeniya

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