RAVINDU ABEYSINGHE
COMPUTER ENGINEERING UNDERGRADUATE

CONTACT

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📍 Ragama

EDUCATION

2021 - Present
UNIVERSITY OF PERADENIYA

- BSc Eng (Hons) Specializing in Computer Engineering

2019 - G.C.E. Advanced Level
St.Anthonys College, Wattala

- Z score : 1.873
- District rank : 23

INTERESTS

- Web Development
- Mobile App Development
- Artificial Intelligence
- UX/UI Design

STRENGTHS

- Problem Solving
- Critical Thinking
- Adaptability
- Teamwork
- Effective Communication

PROFILE

I am a driven and ambitious undergraduate engineering student who is enthusiastic about the rapidly developing subject of software engineering. I'm dedicated to using my academic knowledge and practical abilities to contribute to the continued development of the digital world as an efficient problem solver and team player.

SKILLS

Programming languages
- Python
- Java
- C
- JavaScript
- ARM Assembly
- Verilog HDL

Database Systems
- MySQL
- Firebase
- MongoDB

Libraries
- NumPy
- OpenCV

Frameworks
- React
- Android Studio
- Spring Boot

Developer Tools
- Git/Github
- Notion

PROJECTS

Event-Attendance-Management-System | Group 🔗

- This project is dedicated to simplifying and enhancing the process of tracking attendance and session participation in real-time for registered event attendees with both Web & Hardware components.
- **Contribution :** Developed the Frontend parts (Login, Conference Room, Overview, Attendee, Registration Pages) and UI design of Web application & Display device.
- **Technology stack :** React | Tailwind CSS | Figma.

Baby-Developement-Tracking-System-Mobile application | Group 🔗

- This is a mobile application system for Doctors, Midwives, and Parents to oversee the growth of babies from newborn to five years old. It includes features such as user and baby registration, vaccination tracking, growth monitoring, and user notifications.
- **Contribution :** Developed some Java front-end and back-end components and used Firebase to establish a database connection.
- **Technology stack :** Android Studio | Java | Firebase .

Library- Management-System | Group 🔗

- Developed a library management system (A web Application) for users to monitor,search books, members, and lending activities.
- **Contribution :** Developed the Frontend Part of the Website (Pages like Homepage, Read Books, Borrowed Books, Registration & Login).
- **Technology stack :** HTML | CSS | PHP .

User-Management-System | Individual 🔗

- A simple user management system so Users can log in, edit, remove, and add blogs with this straightforward system. It involves a MySQL database integration. .
- **Technology stack :** PHP | CSS | MySQL

Keyboard-for-Visually-Impaired | Group 🔗

- A modern keyboard designed for those with visual impairments that produces characters using precise key combinations and provides audio signals for a powerful typing experience.
- **Contribution :** Developed some Python scripts for keyboard keys.
- **Technology stack :** Python | Arduino.

Grocery-List-App | Individual (Mini Project) 🔗

- A basic grocery list application with features like the ability to add and remove items and categorise the items that were brought. This project is still being worked on with plans to add more features and make the mobile application.
- **Technology stack :** React | CSS | Node.js

CERTIFICATES

Divide and Conquer, Sorting and Searching, and Randomized Algorithms - Meta (Coursera). 🔗

Foundations of User Experience (UX) Design - Google (Coursera). 🔗

Spring Boot (Backend Development) - (Amigoscode) 🔗

Introduction to Internet of Things & embedded systems - University of California, Irvine (Coursera). 🔗

Introduction to Frontend Development - Meta (Coursera). 🔗

Introduction to Backend Development - Meta (Coursera). 🔗

Supervised Machine Learning: Regression and Classification - DeepLearning.AI(Coursera) 🔗

OOPs in Java - (Great Learning) 🔗

EXPERIENCE

Part-Time A/L Mathematic Tutor   January 2022 - Present

EXTRACURRICULAR ACTIVITES

- Member of ACES WebTeam, University of Peradeniya.   January 2024 - Present
- Member of Project Nanathambara.   January 2024 - Present
- Member of Explorers Club University of Peradeniya.   2022 - Present
- Senior player of the school Athletic team .   2010 - 2015
- Member of University Power Lifting team.   2023 - Present

COMPETITIONS

- **Hackathon 2023**
  - An inter-university hackathon organized by the University of Peradeniya
- **IX 23 2023**
  - An inter-university UI/UX design competition on Apple VisionPro was organized by the IEEE Student Branch of IIT.
- **ACES PreCoders V9.0 2022**
  - 6-hour algorithmic programming competition organized by the ACES

REFERENCES

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