

MIHISHAN GUNASEKARA

SOFTWARE ENGINEERING INTERNSHIP

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SUMMARY

Motivated Undergraduate Software Engineering student passionate about front-end development, Web development, including Figma, and modern UI/UX design. Skilled in crafting interactive and user-friendly applications. Seeking an opportunity to apply design expertise and develop cutting-edge digital experiences.

EDUCATION

BSc (Hons) Software Engineering

Oct 2022 - Present

Colombo International Nautical and Engineering College.(CINEC)

- **Coursework:** DataStructures and Algorithms, Computer Architecture, Operating Systems, Database Systems, Object-Oriented Programming, Mobile Computing, Web Development and Computer Networking.
- **Current GPA: 2.97**

IT Chartered Diploma (Bcs)

In Progress

Matrix Institute of Information Technology, Colombo 04

National Trade Test for Computer Hardware Craftsman & Networking NVQ level 3

2017 - 2019

Democratic Socialist Republic of Sri Lanka

Short course in English

March 2017 - June 2017

Institute of Human Resource Advancement University of Colombo

Advanced Level Examination - Engineering Technology Stream

2017 - 2019

Central College - Homagama

TECHNICAL SKILLS

Programming Languages: Java, C, Python

Frameworks & Libraries: React.js, Flutter

Web Development: HTML, CSS, JavaScript, PHP, Node.js, React

Mobile Development: Flutter

Version Control: Git, GitHub

Bug Tracking Tools: Jira

API Testing: Postman

UI/UX design: Figma, Canva, Wireframing

Databases: MySQL, PHP, MongoDB

Development Tools & IDEs: Visual Studio Code, Android Studio, Eclipse

Quality Assurance & Testing: Manual & Automation Testing, Selenium WebDriver (Java), Apache JMeter

PROJECTS

• Ceypetco FuelX

Data-Driven Fuel Analytics & Management System for Ceypetco | In Progress

Designed and developed a fuel station management system to automate inventory, predict fuel stock levels, and streamline operations.

Frontend: Built intuitive web UI using **React**, **HTML**, **CSS**, and **JavaScript**.

Mobile App: Developed **Flutter app** with OCR for real-time fuel pump readings.

Backend & DB: Used **Node.js**, **PHP**, **MySQL**, and **Firebase** for backend and data storage.

- **Tavola v1.1**

Table Reservation Web Application - Tavola v1.1 | Completed

Developed a dynamic and fully functional table reservation system with customization features, enhancing the user experience and restaurant efficiency.

Frontend Development: Designed an interactive UI using **HTML, CSS, and JavaScript**.

Backend Development: Implemented a **PHP**-based backend

- **Viglorian**

Tuition Class Management Mobile Application - “Viglorian Academy” | Completed

Developed a student management system to streamline enrollment, attendance, payments, and automate parent notifications, enhancing efficiency for educational institutes.

Mobile Application Development: Building a **Flutter-based** cross-platform mobile application using **Dart**

- **Wilpattu Wildlife App**

Wilpattu Wildlife Mobile Application | Completed

Developing a mobile app using **Android (java)** for Wilpattu National Park to enhance visitor experience with navigation, wildlife spotting, ticket booking, and tourist guides for local and international travelers.

- **Pet Care Management System**

Frontend Web Application | Completed

Designed and developed a responsive web interface using **HTML, CSS, JavaScript**, and **Figma** for a pet care management system to enhance user experience and streamline pet-related services.

PUBLICATIONS

“Decentralized applications (DApps) can be effectively applied outside the Financial Industry”

Published an abstract and Participated Poster presentation in 5th Cinec International Research Symposium

SOFT SKILLS

- Able to communicate effectively with others.
- Open to new ideas and willing to learn new ways of doing things.
- Independent and self-reliant but also a team player.
- Flexible mindset for workplace flexibility.
- Able to lead a team and work well in team.

EXTRA CURRICULAR ACTIVITIES

- Head of Graphic Design pillar of the TechStrick Club,CINEC Campus
- Director of the Information and Technology Club, Central College Homagama
- Member Of School Scouting Group (Since 2012)

REFEREES

Mr. Uditha Hewawasam

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