



# KAVINDU AMALKA

SOFTWARE ENGINEERING UNDERGRADUATE

## CONTACT

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Kavindu Amalka/ LinkedIn

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Kavindu Amalka/ Portfolio

## SKILLS

### FRONT END

- HTML
- CSS
- Tailwind CSS
- React.js
- React Native
- JavaScript
- Typescript

### BACK END

- Java
- PHP
- Spring Boot
- Node.js

### DATABASE

- MySQL
- PostgreSQL



## ABOUT ME

A dedicated and enthusiastic undergraduate at the University of Kelaniya, with a strong foundation in programming, problem-solving, and teamwork. I am passionate about applying my knowledge in real-world settings and eager to gain hands-on experience through an internship where I can contribute meaningfully while learning from industry professionals.



## EDUCATION

### BSc.(Hons.) Software Engineering

2023 - PRESENT

University of Kelaniya, Sri Lanka

GPA: 3.74 /4.00

#### Domains :

- Net Centric Applications
- Data Science and Engineering Applications
- Mobile Computing Technologies

### GCE Advanced Level

2019 - 2022

Vijayaba National School, Hungama

Z - Score : 1.5757



## PROJECTS

### Habit Tracker App

In two weeks in May 2025

Individual Project

- Developed a mobile app to help users track daily habits.
- Enabled users to add, edit, and monitor their habits.
- Designed an intuitive and user-friendly interface with React Native.
- Implemented habit completion tracking and progress visualization.

#### GITHUB REPO

### To Do List App

April 2025 - May 2025

Individual Project

- Developed a modern task management app using React Native.
- Enabled users to add, edit, complete, and delete tasks.
- Designed a sleek dark-themed UI with vibrant orange accents.
- Implemented persistent storage with AsyncStorage and Zustand.

#### GITHUB REPO

## VERSION CONTROL

- GitHub(Git)

## DATA ANALYTICS TOOLS

- Power BI

## UI DESIGN

- Figma

## SOFT SKILLS

- Communication Skills
- Problem-Solving
- Team Collaboration
- Adaptability
- Critical Thinking
- Leadership
- Time Management

## LANGUAGES

- English (Professional Proficiency)
- Sinhala (Native)

## REFERENCE

### Dr. Nalin Warnajith

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Software Engineering Teaching Unit,  
Faculty of Science,  
University of Kelaniya.  
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### Dr. Isuru Hewapathirana

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Software Engineering Teaching Unit,  
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### FuelQ

January 2025 - February 2025

#### Group Project

- Built a fuel quota management system for users and admins.
- Developed backend REST API with Spring Boot and Java.
- Created web admin panel using React and Tailwind CSS.
- Designed mobile app for pumpers and users with Flutter.
- Implemented secure authentication with JWT and QR codes.
- Managed fuel transactions, quota allocation, and reporting features.

#### GITHUB REPO

### PetHug

#### Group Project

October 2024 - January 2025

- Developed a web-based platform for managing pet care and veterinary appointments.
- Implemented multi-role access for admins, doctors, and users with secure authentication.
- Enabled users to register, book appointments, and access pet care services online.
- Built using PHP, CSS, and JavaScript for dynamic and responsive user experience.

#### GITHUB REPO



## CERTIFICATE COURSES

### AWS Educate Introduction to Cloud 101 (Badge)



## EXTRA CURRICULAR

### Leo Club

University of Kelaniya

- Fundraising Coordinator - Project "ඵරුඵ"

### Member of Software Engineering Student Association

University of Kelaniya

### Real Hack 5.0 participation

### paramount 3.0 Maths\_Competition

University of Kelaniya

- 1st runners up