



NUSHAN EDIRIWICKRAMA

(24 years)

B.Sc.(Hons) in Computer Engineering
(Undergraduate)

Contact

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Expertise

- Management Skills
- Creativity
- Digital Marketing
- Negotiation
- Critical Thinking
- Leadership

Concepts

- Software Engineering
- Data Structures & Algorithms
- Full Stack Development
- Artificial Intelligence
- Deep Learning
- Object Oriented Programming
- Computer Networks

Profile

An undergraduate with a focus on computer engineering who is passionate about technology, skilled at encouraging teamwork and critical thinking. With a solid foundation in technology, determined to work hard for the organization and use skills to promote innovation and accomplish the organization's goals in the field of computer engineering.

Education Background

BSc. (Hons) in Computer Engineering University of Ruhuna
Third-year Undergraduate

Rajapakshe Central Collage, Weeraketiya
GCE A/L Examination in Physical Science stream
2A AND 1C
2016 - 2018

Polommaruwa Model School,Tangalle
GCE O/L Examination
8A AND 1C
2004 - 2015

Technical Skills

- **Web Development**
MERN Stack, JavaScript, HTML CSS
- **Data Base Mangement Systems**
MongoDB, FireBase
- **Mobile Application Development**
Kotlin
- **Machine Learning Tools and Frameworks**
Python, CNN Python-libraries
- **Other Programming languages**
Java C C++ C#
- **Other technical Skills**
Jira, Version Control, Figma, UX/UI, Design patterns, Agile, Scrum, Hardware

Leadership

- Member of the school Prefect board in Polommaruwa Model School | 2010-2014
- Team leader of the music team in Polommaruwa model school 2014-2015

Volunteering

Done a social service project conducted by Mehewara organization.

Reference

Dr. Kushan Sudheera

Senior Lecturer at FOE,UOR
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Dr. Rajitha Udawalpola

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Projects

• **Faculty Vehicle Reservation & Monitoring System**

September, 2023 - Present

Staff-Side Web App:

- Manages vehicle reservations through a user-friendly interface.
- RESTful API facilitates seamless data exchange between the web app and backend services.

Driver-Side Mobile App (Kotlin):

- Secure and feature-rich mobile application built with Kotlin for Android devices.
- Utilizes RESTful APIs to exchange reservation details and receive updates.

Reservation Approval System:

- Streamlines the reservation approval process with automated notifications and defined approval workflows.

Driver Performance Evaluation:

- Enables evaluation of driver performance through trip feedback and ratings.

Vehicle Management System:

- Manages the vehicle fleet, including maintenance scheduling, fuel tracking, and accident reporting.

• **Dog Trainer Mobile Application**

September, 2023 - December, 2023

Kotlin mobile apps simplifying dog training step by step. And also user can connect with trainers using app. Features include,

- Secure authentication
- User and Trainer side mobile application
- Admin side mobile application.
- Training steps management
- User and trainers management
- Support request from users management

• **Salon Appointment System**

June, 2023 - August, 2023

Utilized MERN stack I created a Salon appointment system. The main features are

- Secure authentication
- CRUD operations on appointments
- CRUD operations on users

• **Student Mangement System**

March, 2023 - April, 2023

A desktop application for student management system using C# language and MVVM Framework. Used SQLite database with code first approach

• **Retinal Disease Classification**

January, 2024 - March,2024

A deep learning project using CNNs to detect retinal diseases from images. I developed and implemented CNN models, optimizing their performance for accurate disease classification.