



# PESANDU UBEYSEKARA

COMPUTER SCIENCE GRADUATE

## CONTACT



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'Dilruk', Navinna Road, Hapugala, Wackwella.

## SOFT SKILLS

- Teamwork
- Communication
- Self-motivation and Work Hard
- Responsibility
- Decision Making

## LANGUAGES

- English
- Sinhala

## REFERENCES

Dr. (Mrs.) W.A.C. Weerakoon  
(Senior Lecturer Grade II)  
Department of Statistics and Computer Science,  
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## PROFESIONAL PROFILE

Highly motivated and detail-oriented computer science fresh graduate, seeking opportunities to apply my technical expertise and problem-solving skills in a professional setting. With a strong academic background and a passion for innovation, I aim to contribute to the growth and success of an organization while continuously expanding my knowledge and skills.

## ACADEMIC QUALIFICATIONS

- BSc. In Physical Science  
University of Kelaniya  
(Computer Science, Statistics & Pure Mathematics)
- BIT (Diploma Level) (Reading)  
University of Colombo School of Computing
- Studied at Richmond College, Galle. (2006 – 2019)

## SKILLS

- Information Technology**
  - Programming Languages [ C, C#, Java, Kotlin]
  - Frameworks [.NET]
  - Web Development [HTML, CSS, JS, PHP, React, Spring Boot]
  - Mobile Development [Android Studio]
  - Deep understanding about OOP
  - Data Structures & Algorithms
  - Database Management Systems [SQL]
  - Data Communication & Networks
- Statistics**
  - Tools [Minitab, R]
  - Inferential Statistics
- Discipline & Leadership**
  - Junior Prefect of the College
- Memberships**
  - Member of Department of Statistics and Computer Science
- Sports**
  - Volleyball [Provincial Level, School Colours]

## PROJECTS

- "CineReel" Movie Streaming App [2024]**

CineReel is a cutting-edge movie streaming app developed using Android Studio and Kotlin. Enjoy a vast library of movies, with seamless streaming and user-friendly navigation.

Android Studio | Kotlin

## PROJECTS

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- **"Lovingtails" - Pet Adoption and Care Platform Website [2024]**

Lovingtails is a full-stack pet adoption and care platform built with React and Bootstrap for the frontend, Spring Boot for the backend, and MySQL for database management. Leveraging Google Cloud Platform's Geo-location API through "@react-google-maps/api", users can easily locate pets for adoption. Additionally, the platform enables users to purchase pet products such as food and accessories, enhancing the overall pet care experience.

React | Bootstrap | Spring Boot | MySQL

- **Development and Validation of a Chronic Kidney Disease Risk Prediction Score for Grama Division Patients in Anuradhapura and Polonnaruwa: A Statistical Analysis Approach - (Statistics) [2024]**

Collaborated on a group project focused on the development and validation of a risk prediction score for chronic kidney disease among patients in Anuradhapura and Polonnaruwa's Grama Divisions. Employed hierarchical multiple regression analysis to derive a robust predictive model, contributing to advancements in preventative healthcare strategies for at-risk populations.

Regression Analysis

- **"Gusto Grotto" - Restaurant Web Site [2023]**

Developed a dynamic website for "Gusto Grotto" using HTML, CSS, JavaScript, and PHP, focusing on enhancing user engagement and experience. Employed responsive design principles for optimal performance across devices, seamlessly blending creativity and functionality.

HTML | CSS | JavaScript | PHP

- **Library Management System [2023]**

Developed and deployed a robust "Library Management System" using C#.NET and SQL, enabling efficient cataloging and tracking of books. Implemented features include user-friendly interfaces for book search, check-in/check-out functionalities, and real-time inventory management.

C# | .NET | SQL

- **Weekly Expenses Survey - University of Kelaniya – (Statistics) [2023]**

Collaborated with university peers to conduct a survey on second-year students' weekly expenses. Analyzed data to understand spending habits and financial management. Aimed to provide insights for budget planning and financial literacy initiatives.

- **Library Management System [2022]**

Developed Library Management System using Java, implementing core Object-Oriented Programming (OOP) concepts. This project streamlined library operations by allowing efficient management of books, patrons, and administrative tasks.

JAVA