



# PHWKTR RODRIGO

PATHTHINI HENNEDIGE

WARNADEEPTHIYA KURUKULASOORIYA

THARINDU RUWINIKA RODRIGO

Level 4 Undergraduate - KDU

DOB - 16.06.1997

## EDUCATIONAL BACKGROUND

### General Sir John Kotelawala Defence University

BSc (Hons) in Information Technology | Jan 2018 - Dec 2021

### Janadhipathi Balika Vidyalaya, Galle

Jan 2007 - Dec 2017

- G.C.E O/L 2013 (English Medium)
- G.C.E A/L 2016 (Physical Science)

### Anula Devi Balika Vidyalaya, Galle

Jan 2003 - Dec 2006

- Primary Education

## RECENT PROJECTS

### Emotion Based Online Music Streaming Application

Final Year Research Project | Ongoing

- Consist of a mobile application and a web application.
- The mobile app is the main part of the project which is for the users to listen music based on their current facial expression and the web based application for the administration purposes
- Technologies: Android Studio, Java, PHP, Laravel, ML(tensorflow), Firebase

### Online Leave Management System for KDU Southern -

Second Year Group Project (Group Leader) | 2019

- A web-based fully automated Leave Management System for Day Scholars in Southern Campus KDU.
- Technologies: PHP, MySQL, HTML, JS

### GIS Analysis for finding a best location for establishing a Tea Nursery in Galle District.

GIS Project | 2020

- A geographical analysis by identifying factors affected for establishing a Tea Nursery within Galle area.
- Technologies: ArcGIS software, VB Scripts

### Employee Feedback System for KDU Southern

Campus- [ Participated for UI/UX Designing Only ]

Volunteer Project for KDU Southern Campus | 2020

- Usually, there are dedicated files for employees and keeping their records. In this system, it automated it to electronic way.
- Technologies: Bootstrap, JS, CSS (UI/UX Design Only)

## ABOUT ME

Responsible; hardworking; confident and very enthusiastic individual, who always keen to learn and strives to archive the highest standard possible, with excellent communication skills and the ability to relate a wide range of people. I have the ability to work effectively within a team and the initiative to handle difficult situations without guidance.

## CONTACT ME AT

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in [www.linkedin.com/in/ruwinika-rodrigo-45562217b](https://www.linkedin.com/in/ruwinika-rodrigo-45562217b)

## VOLUNTEERING

### Edvicon International

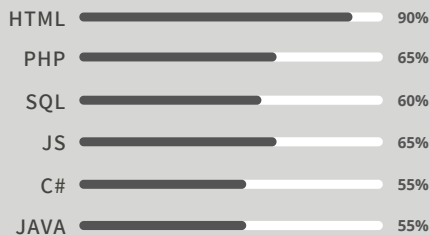
Graphic Designer | 2020 - Present

## SOFT SKILLS

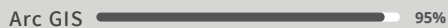
- Design Skills
- Logical Thinking
- Leadership
- Adaptability
- Team Player

## TECHNICAL SKILLS

### • Programming



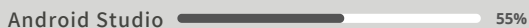
### • GIS



### • UI/UX Design



### • Mobile App Development



### • Multimedia / 3D Modeling / Graphic Designing

## INTERESTED AREAS

- UI/UX Design Engineering
- Software Engineering
- Cloud Computing
- Database Administration

## REFEREES



### Mr. RPS Kathriarachchi

Head – Department of Information Technology  
General Sir John Kotelawala Defence University  
pathum@kdu.ac.lk  
(+94)710219272



### Major RMM Pradeep

Senior Lecturer Gr.II  
General Sir John Kotelawala Defence University  
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### Miss. DN Leelarathne

Teacher at Janadhipathi Balika Vidyalaya, Galle  
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(+94)718281687

## PUBLICATIONS

### A Defence Against an Internet of Things (IoT) Attacks Based on Current Vulnerabilities

NIDA-ICADDA Thailand | 2020

[https://www.researchgate.net/publication/348211929\\_A\\_Defence\\_Against\\_an\\_Internet\\_of\\_Things\\_IoT\\_Attacks\\_Based\\_on\\_Current\\_Vulnerabilities](https://www.researchgate.net/publication/348211929_A_Defence_Against_an_Internet_of_Things_IoT_Attacks_Based_on_Current_Vulnerabilities)

### An Overview of a Way to Deliver Online Music Streaming Services by Identifying the Neediness of Users' Music Listening

KDU FOC Student Symposium | 2020

[https://www.researchgate.net/publication/348404559\\_An\\_Overview\\_of\\_a\\_Way\\_to\\_Deliver\\_Online\\_Music\\_Streaming\\_Services\\_by\\_Identifying\\_the\\_Neediness\\_of\\_Users'\\_Music\\_Listening](https://www.researchgate.net/publication/348404559_An_Overview_of_a_Way_to_Deliver_Online_Music_Streaming_Services_by_Identifying_the_Neediness_of_Users'_Music_Listening)

## QUALIFICATIONS & CERTIFICATIONS

### CISCO Certified Network Associate Routing and Switching Essentials 1 (CCNA-1)

Cisco Networking Academy

### CISCO Certified Network Associate Routing and Switching Essentials 2 (CCNA-2)

Cisco Networking Academy

### Introduction to Packet Tracer

Cisco Networking Academy

### Introduction to IOT

Cisco Networking Academy

### Introduction to Cyber-security (CCNA)

Cisco Networking Academy

### Diploma in Interaction Design

Alison

### Neural Networks and Deep Learning

Coursera Certified

## EXTRA CURRICULAR ACTIVITIES

### Member of Sri Lanka Computer Society

The Computer Society of Sri Lanka

### Member of Microsoft Student Club

General Sir John Kotelawala Defence University

### All Island Western Music and Dance Competition 2016

1st Place(All Island) - Senior Recorder Solo

### All Island Western Music and Dance Competition 2016

3rd Place (Southern Province)- Senior Piano Solo

### Senior Prefect - Janadhipathi Balika Vidyalaya, Galle

### Member of School Senior Brass Band - Trumpet Player

Janadhipathi Balika Vidyalaya, Galle

HEREBY I CERTIFY THE ABOVE PARTICULARS FURNISHED BY ME ARE TRUE AND CORRECT ACCORDING TO MY KNOWLEDGE AND BELIEF.

Ruwinika Rodrigo | 07.03.2021