



Shan Rathsarana

Software Developer

A highly creative, diligent, and enthusiastic individual who enjoys developing and creating unique applications using cutting-edge technologies. an exceptional communicator with great investigative, problem-solving, and decision-making abilities. extremely proficient in domains like electronics, robotics, and software creation. Despite being damaging to the business, I am eager to master new skills and progress professionally

Contacts

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86/3, Wanniarachchigewaththa,
Wehella, Urugamuwa, Mathara

Educations

2017 - 2022

Bachelor of Technology (Honours) in Electronics

SLTC Research University , Colombo

2013 - 2016

G.C.E A/L and G.C.E O/L

M/R Radhampala Central Collage ,
Matara

Expertise

- React Native, Redux.js
- C , C++, Python, java
- Java
- Dart
- HTML, CSS, php, Javascript
- MySQL, Firebase

Personal Details

Name - Kankanam Manage Thiwanka Rathsarana

DOB - 03 July 1997

Gender - Male

Nationality - Sri Lankan

Experiences

April 2023 - Present

ViSo Labs

Software Developer

react web app and mobile app full stack Software developer.

2022 - 2023

SLTC Research University

Teaching Assistant

Tutorials, laboratory demonstration preparation, and workshops for the undergraduate Electronics Engineering and Mechatronics Engineering programs. During the six months, he assisted in the modules: Analog Electronics, Electrical Principal, Digital Electronic, Power Electronic Automation and Control and Programming Fundamentals in Python.

Dec 2022 - Jan 2023

Institute of Technology University of Moratuwa

Visiting Instructor

2019 - Present

LogicCodex (PVT) Limited

Freelancer Software Engineer

2020 - 2021

Aptinex (PVT) Limited

PCB Designer and Costumer Projects Developer

We make every effort to be on par with the latest developments in global technology and maintain the highest standards in this field. Our team of engineers has years of experience in electronic circuit design, multilayer PCB designing, embedded programming, customized software, and web applications. With these resources at our disposal, we play a vital distinctive role in the industry.

Languages

English

Sinhala

Competences

- Proficient in Planning
- Implementing
- Collaboration
- Teamwork
- Adaptability
- Self-Motivation

Certifications

- Fundamentals of digital marketing in Google - Feb 2023
- Python course in TestDemo - Feb 2023
- React + Redux course in Sololearn - Feb 2023
- Road to Codemania - Introduction to Java & OOP in IEEE Computer Society of SLTC - Jan 2021
- CYBERHAT 1.0 in IEEE Computer Society of SLTC - Jan 2021
- Java course in Sololearn - Nov 2020
- Python core course in Sololearn - Nov 2020

Projects Involved

2022

Final Year Project The development tools are PyCharm, Arduino, and Visual Code IDEL S.

HYBRID FACE RECOGNITION ATTENDANCE SYSTEM USING LI-FI

Tutorials, laboratory demonstration preparation, and workshops for the undergraduate Electronics Engineering and Mechatronics Engineering programs. During the six months, he assisted in the modules: Analog Electronics, Electrical Principal, Digital Electronic, Power Electronic Automation and Control and Programming Fundamentals in Python.

2021

HIGHER-STUDIES APP USING ANDROID STUDIO JAVA

It has an all-CRUD system. user login, user registration, search campus, edit user details and delete user details. Making use of the OOP concept

[Github link here](#)

2020

WEBSAYURA APP USING ANDROID STUDIO JAVA

It has an all-CRUD system. User/admin/teacher login; User/admin/teacher registration; Search Courses; Edit User/admin/teacher Details; Delete User/admin/teacher Details. Using the OOP concept

[Github link here](#)

2023

AI AND MACHINE LEARNING PROJECTS USING PYTHON

Using Pandas, OpenCV, TensorFlow, the Yolo method of classification, and CNN classification in PyCharm tools

[Drive link here](#)

2022

UI AND UX DESIGN IN MOBILE APP IN ADOBE XD

Adobe XD for Front End Design of Mobile Apps

[Drive link here](#)

2022

WEB APPLICATIONS USING HTML, CSS, JAVA SCRIPT

Using HTML, Bootstrap, CSS, Java script, and React.js

[Drive link here](#)

Reference

Mr. T.M.P. TENNAKOON

Lecturer

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Mr. YOHAN PANDIGAMA

Lecturer

Faculty of IT SLTC Research University

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