

Himesha Kavinda

Himesha Kavinda Kumarasiri Baddage



19th August of 1998



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SKILLED AREAS

- Python Programming
- Web Development - frontend
- Web Development - backend
- API Technologies
- UAV & RC technologies
- Robotics
- IOT
- Electronics

CERTIFICATIONS

Certifications from Linux foundation

- Linux certified NodeJS services developer

Certificates from LinkedIn Learning

- Become a software developer (HTML / JavaScript / CSS / Python / Java / C# / MySQL)
- Programming foundations : Data structures
- Python essential training
- Python data structures :Stacks, Queues, Linked lists

I am a highly passionate and self-motivated individual with a strong desire to build a career within the industry. I love programming, innovate, research and enjoy creating truly beautiful, efficient digital products to make people's experience with technology memorable.

• SKILLS AND COMPETENCIES

Programming Languages

Python



Kotlin



Javascript



Ecmascript



Web Development

HTML



CSS



Angular



React



Django



NodeJS



Typescript



Express



Mobile Development

Native Android
with kotlin



Flutter



Databases

MySQL



MongoDB



Tools and IDEs

Android Studio



PostMan



Git



VS Code



Jira



Figma



Arduino



• EDUCATION

Bachelor of Information Technology - 3rd Year
Saegis Campus, Sri Lanka
Current GPA: 3.3

G.C.E. Advanced level, Royal College, Colombo
2018 - 5101670 - Physical Science

- Combined mathematics: C
- Physics: C
- Chemistry: C

• ACHIVEMENTS

WSA Youth for Innovation 2021 -WINNING TEAM
WSA Global Organization

CERTIFICATIONS

Certificates from LinkedIn Learning

- Python - Object Oriented programming
- ReactJS essential training
- React Ecosystems
- Programming foundations : Web security

Certificates from CISCO

- Cybersecurity essentials
- Networking essentials
- Introduction to IOT
- Introduction to cybersecurity

LANGUAGES

- Sinhala (Native)
- English (fluent)

REFREES

Y Prabath Samarasinghe,

Head of Department ,
Department of Computing,
Faculty of Computing and IT,
Saegis Campus,
Nugegoda.

prabhath.s@saegis.ac.lk

Mr. Kelum Wickramarachchi

Senior lecturer ,
ICBT Campus,
Nugegoda
arunak@icbtcampus.edu.lk

HOBBY PROJECTS

- October 2021

Developed a wristband for a project which conducted by a team of students who are from UCSC. That wristband can monitor the body temperature, heart pulse rate, and emergency falling of a human and their exact location. It is made for Older people who are living in their homes alone. that wristband updated their emergency situations to Centralized server.

Used : Arduino, NodeMCU, C++

- August 2020 - March 2021

Developed an Arduino-based UAV (quadcopter) with my own handmade RC transmitter & Receiver, It has capable of 1 hour flight time in 5000ft.

Used: Arduino, C++, Multiwii platform

• PROJECTS

3rd-year group project -**Third Eye**

November 2021 - present

currently developing a mobile application for blind students to operate by giving voice commands. this application includes all of the learning contents in audio format from grades 1-11.

Used: Android with Kotlin, Firebase

2nd-year group project - **Yourseat.lk**

December 2020 - April 2021

Developed a bus seat reservation web application for Sri Lanka.

Followed stages in Software development life cycle including requirements gathering, feasibility studies, and system design.

Used : HTML, CSS, Javascript, PHP

Saegis campus website - June 2021- October 2021

Developed Saegis campus official website

Used: WordPress, PHP

<https://www.saegis.ac.lk>

Social media Application - August 2021- November 2021

Developed social media application with user login and sign up, Create posts, following friends, and included online chat interface.

Used: React, MongoDB, Express, Socket.io, MaterialUI

Blog and Community Sites - June 2021

Developed blogsites in various frameworks, all are have complete CRUD performance with user login and sign-up.

Used: MERN stack, Django with python

Recipe App - June 2021

Developed a web application that provides food recipes to users. It takes recipes from a third-party web API and users can search recipes as they need.

Used: React, NodeJS

Link : <https://recipebookapi.netlify.app/>

• EXTRA CURRICULAR ACTIVITIES

- Senior Committee Member in ICT Club -Saegis Campus
- Senior Committee Member in Science Association -Royal College Colombo
- Senior Committee Member in Astronomical Society -Royal College Colombo