



# SHASHINDU CHAMIKA

SOFTWARE ENGINEER  
(INTERNSHIP)

## CONTACT

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- 🌐 <https://shashinduchamika99.netlify.app/#portfolio>

## EDUCATION

2021 - Present

**SABARAGAMUWA UNIVERSITY  
OF SRI LANKA**

- B.Sc. Honours in Computing and Information Systems

2020 - 2022

**SCOTTISH QUALIFICATION  
AUTHORITY**

- SQA Advanced Diploma in Computer Science

2019 - G.C.E A/L Examination

**PHYSICAL SCIENCE STREAM**

- Combined Maths - B
- Chemistry - C
- Physics - C

## TECHNICAL SKILLS

**Frameworks and Libraries**

- Flutter
- React.js
- Express.js

## PROFILE

I am an enthusiastic undergraduate with a strong foundation in web and mobile application development techniques. My passion for the IT industry drives me to continuously learn and adapt to new technologies and methods. I am eager to contribute my skills and gain knowledge from experienced professionals during this internship, further developing my expertise and advancing my career in software engineering.

## PROJECTS

### ❑ Agricultural Monitoring and Controlling System (AQUO) Group Project

This is my capstone project, an innovative solution that helps farmers transition from traditional methods to digital methods for achieving agricultural tasks in an efficient and effective way. The mobile app of this system allows users to control and monitor automated watering and fertilizing systems. The system supports making accurate, timely decisions based on real-time sensor data and weather data.

**Role**

- Full Stack Mobile Developer

**Technologies**

- Flutter, Firebase, Arduino, Openweather API

**Git Repository**

- <https://github.com/WShashinduChamika/MiniProject-AQUO-.git>

### ❑ Online Courses Registration System (Master MindEd) Individual Project

This web application helps users review courses before registering for them. This application only allows users with system accounts to register for courses. The admin has permissions to manage course information, users, and their activities.

**Technologies**

- React.js, Express.js, Node.js, MongoDB

**Git Repository**

- <https://github.com/WShashinduChamika/Master-Mind.git>

Programming Language

- Java
- JavaScript
- Dart
- Python

Web Technologies

- HTML
- CSS

DBMS

- MySQL
- MongoDB

Tools and Technologies

- GitHub
- Trello
- Postman

SOFT SKILLS

- Leadership
- Group Work
- Communication
- Creativity
- Problem Solving
- Self-Learning

CERTIFICATES

- Career Essentials in Software Development by Microsoft and LinkedIn
- Introduction to Generative AI
- React Basic
- JavaScript Basic
- SQL Basic
- Java Basic
- Python Basic

LANGUAGES

- English
- Sinhala

EXTRA CURRICULAR ACTIVITIES

- Member, IEEE student branch of SUSL
- Member, Society of Comuputer Scienne of SUSL

Mobile Device and Accessories Review System (Star Mobile) Group Project / Ongoing

This is my community project, and it allows customers of Star Mobile Company to gain a better understanding of the products sold by the company. The web application of this system

Role

- Front-end Web Developer

Technologies

- React.js, Spring Boot, MongoDB

Git Repository

- [https://github.com/WShashinduChamika/Star\\_Mobile.git](https://github.com/WShashinduChamika/Star_Mobile.git)

Food Ordering Mobile App (S&N Meals) Individual Project / Ongoing

This Mobile application allows user to order foods in effective and efficient way with online payment methods.

Technologies

- Flutter, Express .js, MongoDB

Git Repository

- <https://github.com/WShashinduChamika/SN-Meals.git>

Smart Assistance App (SmartGem) Individual Project

This mobile application helps users as a smart assistant for their questions.

Technologies

- Flutter, Gemini API

Git Repository

- <https://github.com/WShashinduChamika/Smart-Gem-2.git>

Web Portfolio Individual Project

This web application showcases my talents and skills in web and mobile development.

Technologies

- React.js, CSS

Git Repository

- <https://github.com/WShashinduChamika/My-Web-Portfolio.git>

NON-RELATED REFEREES

Prof. BTGS Kumara

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