

SUNDARAMOORTHY JANUGOPAN

Computer Engineering Undergraduate University Of Ruhuna

CONTACT

+94 75 416 4532

sjanugopan@gmail.com

Batticaloa, Sri Lanka.

[LinkedIn](#)

[GitHub](#)

EDUCATION

University of Ruhuna

B.Sc. (Hons) in Computer Engineering
(Undergraduate)

2021-Present

Current GPA - 3.45/4

SKILLS

Programming Languages

- Java, C++ , JavaScript, Dart

Backend Development

- Spring Boot** Framework

Frontend Development

- React JS**
- Used React Hooks - useState, useEffect,...**
- Redux, axios, bootstrap**

Mobile App Development

- Flutter**

Data management

- MySQL**
- MongoDB**

Version Control

- Git and GitHub

Cloud Services

- Google Cloud Platform

Testing

- API Testing - **Postman**
- Basic knowledge of **JUnit 5** for testing in Spring Boot.

Project Management Tool

- Jira**

Additional Skills

- Fundamental knowledge of **DevOps**.

REFERENCE

Dr. Kushan Sudheera

PhD (NTU, Singapore), BScEng (Hons) (Ruhuna)

Senior Lecturer

Electrical and Information Engineering

Faculty of Engineering

University of Ruhuna.

ABOUT ME

Motivated undergraduate student with foundational knowledge in backend development using Spring Boot. Familiar with front-end development using React and mobile application development with Flutter. Basic experience in database management with MySQL. Enthusiastic about learning new technologies and applying them to solve real-world problems through innovative solutions.

PROJECTS

QR-CODE BASED ATTENDANCE TRACKING SYSTEM

3rd year Software Project

- An attendance marking system for university students through a **mobile app**, with attendance managed by lecturers through a **web application**.

The project features

- Using **JWT Authentication**, **OTP Verification**, **GPS Location Verification**, **QR-Code Creation and Scanning**.
- Using **Redux** state management, **Spring Security**.
- Using Project management tool **Jira** with **agile methodology**.
- Maintaining GitHub Repository for the project.

FrontEnd - **React Js** BackEnd - **Spring Boot**

Mobile App - **Flutter** Database - **MySQL**

Cloud Storage Management System

2nd year Web Application Project

- Basic role based **CRUD** application.

The project features

- User can **SignIn** and **LogIn**, upload files in the cloud storage, add password protection for the files, delete files and edit files, edit user details.

FrontEnd - **React Js**

BackEnd - **Spring Boot**

Database - **MySQL**

SmartGarden - Mobile Application

3rd year Mobile Application Group Project

- Basic plants related Social media mobile application developed by **flutter**.

The project features

- User can **SignIn**, **LogIn** and reset the password, creates posts with photos and caption, edit the post, edit user details(edit username, password and profile photo).

Used firebase services

- Firebase Firestore** Database - To store user details
- Firebase Authentication** - To user authentication
- Firebase Storage** - To store image files

Financial Service Company Management System - Database

2nd year **Database** Group Project.

- Requirement Analysis
- Conceptual Design Developed **ER diagram** and **Class diagrams** using Visual Paradigm and Google Draw.io.
- Implementation Designed and implemented a **MySQL** database, ensuring **normalization** up to **2nd Normal Form**.
- Transactions** (Queries) Executed data retrieval, modification, and gap handling operations.
- Database Tuning** Optimized database performance through tuning techniques.

Project Details