



# Sukumar Kavishan

UNDERGRADUATE OF BSC (HONS) IN  
SOFTWARE ENGINEERING

## About Me

A flexible & enthusiastic Software Engineering undergraduate, successful at managing multiple priorities with a positive attitude and willing to contribute the maximum effort to the organization while learning new technologies. A team player with good social skills and also likes to connect with industry individuals to gain valuable experience in Professional IT environments.

## Work Experience

### Trainee Software Engineer (6 Months)

2022 - 2023

#### Inova IT Systems (Pvt) Ltd

Worked on number of projects utilizing a variety of technologies. One of my main responsibilities was the development of a Dashboard using ClickUp APIs.

**Technologies:** Springboot, Power BI, ClickUp API, React (TypeScript)

## Projects

### Nocturne-Real Time Driving Assistance at Night(Ongoing)

*4th Year Software Engineering Research Group Project At UCSC*

#### ReactJS | Python | JAVA(Springboot)

An ongoing research project on providing real-time driving assistance at night in the Sri Lankan context.

- My Contribution -Researching various technologies that can provide real-time assistance in working on the Srilankan context and developing a frontend application that runs a detection YOLOv8 model on camera inputs and shows the detected object in the UI in real time.

### Entero-Event Management System

*3rd Year Group Project At UCSC*

#### Node JS | Express JS | React JS | PostgreSQL | Tailwind CSS

An Event Management System where a user can find Service Providers through the system for the events and book the services through the system.

- My Contribution - Chat component, Notification, authentication and authorization, CRUD operations and Setting up Azure Blob Storage to save images

### Construct360<sup>0</sup>-Construction Management System

*2nd Year Group Project At UCSC*

#### JAVA | HTML5 | CSS3 | JavaScript

A platform where a user can find a good constructor and manage the construction-related documents and oversee their construction process.

- My Contribution - Chat component, Notification, authentication and authorization, Payment Gateway integration and CRUD operations.

## Contact

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Kalutara South

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🐙 [github.com/KavishanSukumar](https://github.com/KavishanSukumar)

## Skills

- Teamwork
- Adaptability
- Written and Verbal Communication
- Leadership
- Time Management
- Problem Solving

## Technology Exposure

### Programming Languages

- Java
- C#
- JavaScript
- C
- C++
- Dart
- Python

### Frameworks & Libraries

- Spring Boot
- .NET Core
- React Native
- Flutter
- React (TypeScript, JavaScript)
- Material UI
- Tailwind CSS
- Angular

Database

- MySQL
- PostgreSQL
- MongoDB

Other

- Node JS
- Git
- Docker

Familiar In

- Object Oriented Programming
- Agile Methodologies
- Data Structure and Algorithms
- Microservices
- Parallel computing

Basic Knowledge

- Linux commands and shell scripting

Research Interests

- Natural Language Processing
- Computer Vision

Language

English

Full professional proficiency

Sinhala

Professional working proficiency

Tamil

Professional working proficiency

Referees

Dr. KAKT Karunanayaka

PhD (NUS), BSc (Hons) IT (Moratuwa)  
(Senior Lecturer, University of Colombo  
School of Computing)  
Email: ktk@ucsc.cmb.ac.lk  
Mobile: +94715484864

Ms. Mathangi Krishnathasan

BSc (Hons) IT (Moratuwa)  
(Lecturer, University of Colombo School of  
Computing)  
Email: tmk@ucsc.cmb.ac.lk  
Mobile: +94773311798

Education

University of Colombo School of Computing 2020 - 2024  
B. Sc. (Hons) in Software Engineering (Reading)  
Current GPA 3.61/4.00

St Peter's College, Colombo 04 2016 - 2018  
Advanced Level  
Physics-A Combined Mathematics-B Chemistry-B

Noor International School, Kalutara South 2004 - 2015  
Ordinary Level  
7 A's and 2 B's

Certifications

Online Certifications

- Design Patterns, University of Alberta, Coursera.org
- Advanced MySQL Topics, Meta, Coursera.org
- What is Data Science?, IBM , Cousera.org
- Bootcamp with ShapeAI, 2021

Achievements

- Nocturne research abstract was published in the Annual Research Symposium 2023 organized by the University of Colombo
- HackX 2021 -Finalist
- Participated in,
  - INSL-2021
  - Revolux-2021
  - Fresh Hack 1.0
  - ReidXtreme 1.0

Extra Curricular Activities

Member of Exploration Club 2020 - 2021  
University of Colombo School of Computing

Member of Computer Society 2016 - 2018  
St Peter's College, Colombo 04

Secretary of Information Technology Unit 2014 - 2015  
Noor International School, Kalutara South

Student Prefect 2014 - 2015  
Noor International School, Kalutara South