

# Buddhima Avishka

## Software Engineer Intern

 buddhimaliyanageba@gmail.com  +94 71 745 0528  Colombo, Sri Lanka

 Buddhima Avishka  Buddhima Avishka

### PROFILE

A motivated and versatile Software Engineering student proficient in full-stack development with hands-on experience in both web and mobile technologies. Skilled in modern frameworks and tools including the MERN stack, Laravel, Flutter, and Three.js, with strong capabilities in building responsive and interactive front-end interfaces using React, Tailwind CSS, and immersive 3D web experiences. Demonstrated success in developing data-driven applications through projects like a University Farm Management System and a peer-to-peer parcel delivery platform. Eager to apply strong problem-solving abilities and collaborative skills to contribute to innovative software solutions in a dynamic internship environment.

### EDUCATION

**BSc (Hons) in Computing and Information Systems (2023 – Present)**  
Sabaragamuwa University of Sri Lanka

**Diploma In English (2022)**  
Esoft Metro Campus ☀

**G.C.E. Advanced Level - Physical Science Stream (2021)**  
Rahula College Matara

### PROJECTS

#### **Stazia (Individual) ☀**

A full-stack MERN web application that serves as a comprehensive hotel booking platform, enabling users to discover, compare, and book accommodations seamlessly. Stazia provides a modern alternative to traditional booking systems with its intuitive user interface and robust feature set, connecting travelers with their ideal stays.

- Technologies: MERN, Tailwind CSS
- Contribution: Full-Stack Developer & UI/UX Designer

#### **Compassora (Individual - Ongoing) ☀**

A full-stack MERN travel agency platform designed to help users explore, plan, and book unforgettable travel experiences with ease. From curated destinations to personalized tour recommendations, Compassora delivers a seamless and modern alternative to traditional travel services. With a clean, intuitive interface, immersive 3D visuals powered by Three.js, and a robust backend, the platform connects travelers with the perfect journeys—efficiently and effortlessly.

- Technologies: MERN, Tailwind CSS, Three.js
- Contribution: Full-Stack Developer & UI/UX Designer

#### **University Farm Management System (Group) ☀**

A comprehensive web-based solution designed to streamline and digitize operational workflows for university farms. This centralized platform integrates crop cultivation, livestock management, and resource tracking to replace manual, paper-based systems with an efficient, data-driven approach. The system supports sustainable farm practices while serving as an educational and administrative tool for academic institutions.

- Technologies: PHP, Laravel, MySQL, Bootstrap
- Contribution: Frontend Developer & UI/UX Designer

#### **Capstone Project - Bring Me Home WebApp (Group) ☀**

A full-stack MERN web application that creates a trusted community marketplace for parcel delivery. "Bring Me Home" connects travelers who have extra luggage space with individuals needing to send personal items to friends and family in a more personal, affordable, and efficient way than traditional courier services.

- Technologies: MERN, Tailwind CSS
- Contribution: Frontend Developer & UI/UX Designer

## **Community Project - School Leave Management System (Group - Ongoing) ☀**

A cross-platform mobile application designed and developed for **Deniyaya Central College** to digitize and streamline the entire leave management process. This system replaces traditional paper-based leave applications with an efficient, transparent, and real-time digital platform for handling student and teacher leave requests, approvals, and record management.

- Technologies: Flutter, Firebase
- Contribution: Full-Stack Developer & UI/UX Designer

## **TECHNICAL SKILLS**

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### **Programming Languages**

*Java, JavaScript, PHP, Python, Dart*

### **Web Technologies**

*HTML, CSS*

### **Frameworks and Libraries**

*React.js, Express.js, Node.js, Laravel, Tailwind CSS, Bootstrap, Firebase*

### **Mobile Development**

*Flutter*

### **Databases**

*MySQL, MongoDB*

### **Version Control**

*Git, GitHub*

### **Design Tools**

*Figma, Adobe Illustrator, Blender, Canva*

### **3D & Graphics Technologies**

*Three.js*

## **SOFT SKILLS**

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- Leadership & Team Collaboration
- Adaptability & Time Management
- Communication & Presentation
- Problem Solving
- Event Management

## **CERTIFICATES**

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- Front-End Web Development ☀
- Web Design for Beginners ☀
- User Experience Design - Learn UI UX App Design with Figma ☀
- Python for Beginners ☀

## **VOLUNTEERING**

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### **Project Chair ☀**

*GeekZone v1.0, IEEE Student Branch of SUSL*

### **Active Member**

*Society of Computer Science of SUSL*

## **REFERENCES**

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**Prof. B.T.G.S. Kumara**, Professor, Faculty of Computing, Sabaragamuwa University of Sri Lanka.  
*kumara@foc.sab.ac.lk, +94 71 443 1192*

**B.L.N. Lakshitha**, Software Engineer, Cloud Solutions International Pvt Ltd  
*nuwanb.liyanage@gmail.com, +61 432 827 350*