

# Asinu Kumarage

Software Engineer Intern

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## PROFESSIONAL SUMMARY

Motivated and adaptable third-year undergraduate pursuing a BSc (Hons) in Information Technology with a specialization in Software Engineering at SLIIT. Passionate about solving real-world problems at the intersection of full stack development and app development. Strong foundation in web development, mobile app and UI design.

## EDUCATION

Sri Lanka Institute of Information Technology, Malabe.	2023-2027 (expected)
B.Sc. (Hons) in Information Technology Specializing in Software Engineering. Kalutara Vidyalyaya	2008-2021

## SKILLS

**Languages:** JavaScript, Java, Dart  
**Frontend:** React, HTML, CSS, Tailwind  
**Backend:** Node.js, Express  
**Database:** MongoDB, MySQL  
**Tools:** Git, Github, VS Code, Postman, Jira , Vercel , Render

## PROJECTS

### Photography Management System (Spring Boot, MongoDB) | ([GitHub repo](#))

- Designed and developed the **Staff Management module** for a photography studio management system.
- Implemented photographer **availability tracking and assignment** to events based on schedules.
- Built staff profiles with role-based access and work details management.
- Enabled **event-to-photographer assignment workflows** to reduce scheduling conflicts.
- Integrated backend APIs using **Spring Boot and MongoDB** for staff and assignment data handling.

### Smart Waste Management System (Mern Stack ) |([GitHub repo](#))

- Developed the **Waste Collection and Maintenance Reporting module** for a smart waste management platform.
- Implemented waste bin scanning and collection data capture, including **weight and fill-level tracking**.
- Built functionality to **report damaged or faulty bins** to the maintenance team for faster response.
- Ensured accurate field data recording to support operational efficiency and timely maintenance actions.

### "Helpo"- Worker Support & NGO Platform Mobile App (Flutter ,Firebase) |([GitHub repo](#))

- Developed the **Job Board module** of a mobile application supporting informal workers.
- Implemented job listing creation, viewing, and filtering features using **Flutter and Firebase Firestore**.
- Enabled workers to discover **job opportunities and training programs** through a centralized platform.
- Integrated real-time data updates and secure access using **Firebase Authentication**.
- Contributed to a solution aligned with **UN SDG 8 (Decent Work and Economic Growth)**.

## CERTIFICATIONS AND LICENCES

MongoDB Node.js developer Path Certificate (MongoDB)  
Diploma in IT (Esoft Metro Campus)