



# HARITH RAJAPAKSHA

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**Website :** <https://harith-rajapaksha.netlify.app>  
**Github :** <https://github.com/HarithRajapaksha>

## SUMMARY

Motivated IT fresh graduate and freelancer with hands-on experience in MERN stack, React Native, IoT solutions, and full-stack development. Skilled in applying data science, machine learning, and deep learning concepts to real-world problems. Strong analytical and creative problem-solving abilities with a passion for building scalable applications and innovative solutions. Seeking an job opportunity to apply technical expertise, gain practical industry experience, and contribute to organizational success.

## EDUCATION

### B.Sc. (Hons) in Information Technology (Specialization: Information Technology)

Sri Lanka Institute of Information Technology (SLIIT)  
Graduating September 2025

### B.Sc. (Hons) Joint Major in Electronics & CMIS

Wayamba University of Sri Lanka  
Current Year: 4th | Expected Graduation: 2026

## RELEVANT PROJECTS

- **Payroll Management system for Karnivo Restaurant.**

Restaurant (Nugegoda) with role-based access control, employee registration, unique IDs with barcodes for attendance tracking, automated payroll (EPF/ETF, no-pay days), payslip generation, and leave/half-day request management. The system is mobile-friendly and responsive across all screen sizes.

**Technologies:-** Mongo DB, React JS, Node JS, Express JS, Firebase Storage, Bootstrap 5

**Git Repo :** [https://github.com/HarithRajapaksha/PayRoll\\_Manegement.git](https://github.com/HarithRajapaksha/PayRoll_Manegement.git) \_

- **Feld Mobile app.** This project focuses on supporting people with disabilities by ensuring their safety and health through daily activity monitoring. It is built using the ESP32 board and includes step count tracking to encourage activity, real-time fall detection, and instant caregiver alerts during emergencies. By combining health monitoring with safety notifications, the system enhances care and protection for individuals with special needs.

**Technologies:-** Esp32, firebase Realtime database, Raectnative, Express js, Node js

**Git Repo :** <https://github.com/HarithRajapaksha/FELD-iot-frontend-esp32-programming.git>

- **Gem Identification System Using CNN.** Developed a Gem Identification System using Convolutional Neural Networks (CNN) with TensorFlow. The system classifies and displays the type and name of a gem from an input image.

**Technologies:-** Tensorflow, Keras, Python

**Git Repo :** <https://github.com/Shehan-Annasiwatta/DL-Assignment-Y4S1.git>

- **Automated Wayamba University Medical center.**

Developed an automated medical center system for Wayamba University, replacing the manual process. The system allows student registration details to be retrieved, shared with doctors for consultations, records medical information, and forwards prescriptions to the pharmacist, streamlining the entire medical workflow.

**Technologies:-** React js, MongoDB, Express js, Node js

**GitRepo :** [https://github.com/HarithRajapaksha/Wayaba\\_Uni\\_MedicleCenter.git](https://github.com/HarithRajapaksha/Wayaba_Uni_MedicleCenter.git)

## LANGUAGES

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- Javascript
- Java
- Php
- Html/Css
- Kotlin
- C/C++ SQL
- Python.

## FRAMEWORK AND TECHNOLOGIES

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- React Js
- Node Js
- Express Js
- MongoDB
- Bootstrap
- React Native
- Visual Studio
- Android Studio
- Tensorflow
- Postman
- Git
- GitHub
- VS Code
- MYSQL
- MySql Workbench
- XampServer
- WampServer
- Data structures and Algorithms
- Tailwind CSS
- Material UI

## PERSONAL SKILLS

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- Logical and Analytical approach in solving problems.
- Leadership
- Thinking out of the box
- Time management
- Good Communication
- Self-Learning

## REFEREES

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**Thusithanjana**

**Thilakarathna**

BEng(Sunderland), MSc (Colombo)

**Lecturer**

**Department of Computer Science and Software Engineering**

**Faculty of Computing**

**SLIIT | Malabe Campus**

**Dhananjaya Mahagedara | Project Manager**

**Computer Society Of Sri Lanka(CSSL)**

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