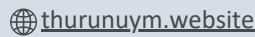




THURUNU MARASINGHE

Electronics and Computer Science Undergraduate

thurunuym@gmail.com | +94 77 296 4661 | Halloluwa, Kandy, Sri Lanka



EDUCATION

University of Kelaniya [2022 - Present]

B.Sc. (Hons) in Electronics and Computer Science

IBA Campus [2021-2022]

Diploma in ICT

Dharmaraja College Kandy [2006 - 2019]

GCE Advanced Level (Z score : 1.3050)

- Combined Mathematics - B
- Physics - B
- Chemistry - B

GCE Ordinary Level

- 9A passes (including ICT, Tamil)

TECHNICAL SKILLS

Programming Languages : Java, Python, JavaScript, PHP,

Web Development : HTML, CSS, React, SpringBoot, Node.js, Express.js

Databases : MySQL, MongoDB, PostgreSQL

Other : Git/Github, AWS, Docker, Adobe Photoshop, Adobe Premiere Pro, Figma

SOFT SKILLS

Ability to learn and adapt
Teamwork
Creativity

LANGUAGES

English (fluent)
Sinhala (native)

REFERENCES

Dr. B.M.T. Kumarika
Senior Lecturer (Grade II)
Department of Statistics and Computer Science
University of Kelaniya
thosini@kln.ac.lk
0112903379

Prof. A. L. A. K. Ranaweera
Professor
Department of Physics and Electronics
University of Kelaniya
arunaran@kln.ac.lk
0777179201

ABOUT ME

Highly motivated and adaptable undergraduate with a strong foundation in coding and web development, seeking a Software Engineering internship. Passionate about applying academic knowledge to challenging real-world projects, gaining mentorship from industry experts, and further developing both technical and interpersonal skills in a dynamic work environment.

PROJECTS

Chatwhiz (individual)

[live](#) [github](#)

Technologies: Node.js, Express.js, React, Zustand, MongoDB, Socket.io, JWT, Cloudinary

Developed a responsive, real-time chat application with JWT-authenticated login. Implemented secure user authentication, real-time messaging using Socket.io and RESTful APIs, and dynamic front-end UI with React and Zustand for state management.

AI based Fitness Recommendation System (individual)

[github](#)

Technologies: React, Spring Boot, Eureka Server, Keycloak, RabbitMQ, PostgreSQL, MongoDB, Gemini API

An AI-driven fitness recommendation system using microservices architecture. Utilized Eureka Server for service discovery, Keycloak for authentication and authorization, RabbitMQ for asynchronous messaging, Incorporated Google Gemini API for intelligent fitness insights.

Personal Portfolio Website (individual)

[github](#)

Technologies: React, Tailwind CSS, SCSS, EmailJS, Motion

A sleek, responsive web app built with React, styled using tailwind CSS, SCSS and Motion animations, featuring EmailJS integration for easy contact form submissions directly from the site.

Sign Language Detector (group)

[github](#)

Technologies: Yolo V8, Python, OpenCV, Flask, Roboflow

Real-time sign language detector for 5 selected hand gestures using YOLOv8 and a custom dataset annotated with Roboflow. Built with live webcam streaming for gesture recognition.

Shilpa LMS (group) - ongoing

[frontend](#) [backend](#)

Technologies: React, Spring Boot, MongoDB, JWT

A functional Learning Management System supporting role-based access for admins, lecturers, and students. Features include course management, content delivery, and user-specific dashboards. Integrated JWT authentication for secure login.

EXTRACURRICULAR ACTIVITIES

- Committee Member - Membership Development Subcommittee - IEEE Student Branch, University of Kelaniya
- Senior Editor (Designing) - Humane Society of University of Kelaniya
- Head of Designing - UOK Robot Battles 2k24
- Organizing Committee Member - Open Dev Summit 25'
- Designer - Leo Club of University of Kelaniya
- Member - AWS Cloud Club of University of Kelaniya
- Member - University Tennis team (2023/24)
- President's Scout - 1st Kandy Dharmaraja Scout Group

CERTIFICATIONS

- Foundations of User Experience (UX) Design - Google
- Advanced React - Meta
- Application Development using Microservices and Serverless - IBM