



THURUNU MARASINGHE

Electronics and Computer Science Undergraduate

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github



linkedin



thurunuym.website

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 , Adobe Photoshop , Adobe Premier 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

[github](#)

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

Developed a responsive, real-time chat application with JWT-authenticated login. Implemented secure user authentication, real-time messaging using RESTful APIs, and dynamic front-end UI for seamless user interaction.

Personal Portfolio

[github](#)

Technologies: React , CSS , SCSS , EmailJS

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

AI based Fitness Recommendation System (ongoing)

[github](#)

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

An AI-driven fitness recommendation system using a 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.

Shilpa - Learning Management System

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

Technologies: React, Spring Boot, MongoDB, JWT

Built a functional LMS 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.

E-Commerce Platform

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

Technologies: React, Spring Boot, MySQL, Redis, Docker

Developed a full-featured e-commerce web application for a sports item shop. Implemented user authentication, product listing, shopping cart, order management, and caching with Redis for improved performance. Containerized the application using Docker for easier deployment.

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 Scout - 1st Kandy Dharmaraja Scout Group

CERTIFICATIONS

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