

# THANURA RUKSHAN

ENGINEERING UNDERGRADUATE | TECH ENTHUSIAST

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## EDUCATION

B.Sc. (Hons) Eng. in Information and  
Communication Engineering

2022 – 2026

SLTC Research University

GCE Advanced Level, 2019

Physical Science Stream

2006 – 2019

Mahinda College Galle

## SKILL SET

**LANGUAGES** | Python, JavaScript (JS),  
Java

**SOFTWARE ENGINEERING** | Agile,  
OOP (Object Oriented Programming),  
Shell/Bash Scripting, Scrum, Git, Linux,  
Data Structures and Algorithms

**FRONT END TECHNOLOGIES** |  
HTML, CSS, React JS

**BACK END TECHNOLOGIES** |  
Node JS, Express JS

**DATABASE** | MySQL

**UI/UX** | Figma

**NETWORKING** | Networking  
Fundamentals, Network Security

**CLOUD COMPUTING** | Docker,  
Kubernetes, OpenShift, CI, CD, AWS,  
GitHub Actions, Tekton

## CERTIFICATIONS

Data Structures and Algorithms in  
Java for Intermediate Level

Great Learning

Linux for Developers

Coursera

Introduction to Agile Development  
and Scrum

Coursera

Networks and Network Security

Coursera

Cloud Computing Foundations

Great Learning

## ABOUT ME

Hardworking Engineering undergraduate with a strong IT background.  
Self-motivated and a fast learner, eager to leverage my skills and gain  
practical knowledge through a challenging opportunity.

## PROJECTS

### Portfolio Website (Solo Project)

React JS, JavaScript, HTML, CSS, Firebase Hosting

GitHub: <https://github.com/thanuraruksan/React-Portfolio-V2.0>

### Property Selling web app (Duo Project)

React JS, JavaScript, HTML, CSS, MySQL, JSON

used react hooks where necessary, used single json file to fetch data, drag  
and drop, advanced search. Completed within two days

GitHub: [https://github.com/thanuraruksan/property-selling-web-app-  
static](https://github.com/thanuraruksan/property-selling-web-app-static)

### REST API demonstration (Solo Project)

React JS, JavaScript, Node JS, Express JS

created a simple CRUD application for learning purposes.

GitHub: <https://github.com/thanuraruksan/Rest-API-React-Front-End>,  
<https://github.com/thanuraruksan/Rest-API-Node-Back-End>

### Project UniHelper (Solo Project)

HTML, CSS, JavaScript, React JS, Firebase Hosting

GitHub: <https://github.com/thanuraruksan/unihelper>

URL: <https://unihelperlk.web.app/>

### Login Form (Solo Project)

React, Node, Express, MySQL, JWT Authentication

used password hashing with bcrypt for enhanced security and sessions  
to keep users logged in.

GitHub: <https://github.com/thanuraruksan/Login-React-Express-MySQL>  
updated version with JWT Authentication

GitHub: <https://github.com/thanuraruksan/Authentication-JWT>

## AWARDS AND HONORS

Cypher Hackathon 2023

Kotelawala Defense University

Our team won 5<sup>th</sup> place

ACES Coders v10.0 Hackathon 2023

Association of Computer Engineering Students – UOP

Cloud Foundations - Advanced  
Great Learning  
AWS for Beginners  
Great Learning  
Introduction to Containers, Docker,  
Kubernetes and OpenShift  
Coursera  
Containers and Kubernetes Essentials  
Coursera  
Continuous Integration and  
Continuous Delivery (CI/CD)  
Coursera

## EXPERIENCE

### SLTC SOC 2.0

2023 - 2023

*Security Analyzer and a Reporter*

*Started working with the university IT  
Department for three months.*

### FREELANCER

2019 - 2022

*Graphic Designing*

*Worked on online freelancing platforms  
(Fiverr, Freelancer and Upwork)*

Duothan 3.0 Web Development Buildthon 2023

*IEEE Student Branch of NSBM*

*We had to build a solution for a given real world problem and we placed  
among top 10 teams*

ACES Coders v9.0 Hackathon 2022

*Association of Computer Engineering Students - UOP*

Codemanía v3.0 Hackathon 2022

*SLTC Research University*

*Our team won 8<sup>th</sup> place*

## VOLUNTEERING AND ORGANIZATIONS

IEEE Young Professionals - Innovation Nation Sri Lanka 2024

*Coordinator*

*Jan. 2024 – Present*

IEEE Young Professionals - Innovation Nation Sri Lanka 2023

*Design Team Lead (Colombo South)*

*July 2023 – Jan. 2024*

IEEE Sri Lanka Section Student Summit and IEEE Jambor 2023

*Organizing Committee*

*2024*

IEEE Student Branch of SLTC - Public Visibility Sub Committee Head

*June 2023 - Present*

IEEE Student Branch - Member

*June 2022 – Present*

Leo Club of SLTC Director – Research and Development

*2023 - Present*

Leo Club of SLTC - Member

*2022 – Present*

SLTC Media Unit - Graphic Designer

*2022 – 2023*