

# THANUJA PRIYADARSHANE

## Software Engineering - Intern | ASP.NET | ExpressJS | Fiber | FastAPI | AWS

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### Summary

Passionate Computer Science undergraduate with a strong interest in Software Engineering, cloud-native technologies, and DevOps practices. Dedicated to extending expertise in developing scalable, effective solutions and utilizing cutting-edge tools. Seeking opportunities to obtain firsthand industry experience, contribute to meaningful projects, and advance my career in technology.

### Education

University of Ruhuna	Matara, SL
Bachelor of Computer Science	2021 - Present

Chartered Institute of Marketing	UK
Digital Marketing - Level 4	2024 - Present

ESOFT Metro Campus	Colombo, SL
Diploma in Information & Comm. Technology	2019

Dharmapala Vidyalaya, Pannipitiya	2020
G.C.E Advanced Level Examination - Physical Science	
Com. Mathematics - A , Chemistry - B , Physics - C	

### Projects

#### MosQguard - Final Year Project

A comprehensive digital solution for the health sector, streamlining PHI and MOH office operations while enhancing public engagement.

ReactJS , Flutter , NodeJS , Springboot , Firebase , MySQL , GitHub Actions , AWS

#### Amila Abeysinghe - Learning Management System

Developing a LMS for Amila Abeysinghe, an Advanced Level Combined Mathematics tutor, with a CMS for admins. The system allows students to access study materials, submit assignments, receive feedback, and communicate, while admins manage content, student progress, and updates.

ReactJS , .NET , MySQL , Docker , GitHub Actions , AWS

#### RUSREC - Ruhuna Undergraduate Science Symposium

Designed and developed the official website for the University of Ruhuna, Faculty of Science 's Research circle

ReactJS

#### Multithreaded Image Downloader - Individual Project

A FastAPI-based image downloader utilizing Python multithreading for parallel downloads. Integrates with a React frontend for user interaction, Enhanced with OpenCV for object detection in downloaded images.

FastAPI , OpenCV , ReactJS

### **Zookeeper Pro - Group Project**

Developed a standalone desktop application leveraging **JavaFX** and **MongoDB**, serving as a wildlife information system that allows users to search for wild animals by name or through image recognition

- Integrated advanced image processing features using Imagga API

JavaFX , MongoDB , OpenAPI

### **Payment Tracker - Individual Project**

Developed a full stack, monthly payment tracker using MERN stack, JWT Authentication, **LECO**, **NWSDB API** 's for monthly dues. Deployed on AWS using Github actions CI/ CD for automated updates

MERN , GitHub Actions , AWS

## **Skills**

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### **Technologies**

- **Programming Languages** : C# , JavaScript , Python , Go
- **Frontend** : ReactJS , Flutter
- **Backend** : .NET , ExpressJS , Fiber(Go) , FastAPI
- **Database** : MySQL , MongoDB
- **Cloud Services** : AWS , Firebase
- **DevOps Tools** : Docker , Kubernetes , GitHub Actions , Terraform
- **Version Control** : GitHub
- **Operating Systems** : Linux

### **Other Skills**

- Problem Solving , Communication , Team Work , Analytical Skills , Multi-tasking , Interpersonal , Decision Making

## **Extra Curricular Activities**

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### **Project Chairperson**

**INSURGEX 1.0** - Intra University Hackathon,

University of Ruhuna

### **Team Leader**

**Outgoing Global Talent (OGT)** - AIESEC in Ruhuna,

University of Ruhuna

## **References**

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Mr. Charith Wickramasinghe

Senior Software Engineer

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Mr. Isuru Gayashan

Tech Lead

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