



# Rusiru Anupama

Engineering Undergraduate @ UOM

- Sri Lanka
- hi@rus1ru.com
- <https://rus1ru.com>

## Skills

Python	C++
FastAPI	OpenCV
Langchain	MongoDB
MySQL	Bun
Typescript	Git
Github Actions	Go
Dart	Flutter
Raspberry Pi	ESP32

## Awards

**Korea International Youth Olympiad 4I**  
Silver Medal  
2017

**Korea International Youth Olympiad 4I**  
WWIEA Award  
2017

**Codefest**  
Merit Award  
2018

**Sahasak Nimavum - All Island**  
Merit Award  
2017

## Summary

I'm Rusiru Anupama, an engineering undergraduate at the University of Moratuwa, showcasing my academic journey and passion for Computer Science. You'll find my best works, from Innovations to Software Projects, along with my academic background, experiences, and proficiencies in ML and AI. I'm excited to pursue research opportunities and continue growing professionally.

## Profiles

[in rus1ru](#)  
LinkedIn

[rus1ru](#)  
Github

[rus1ru](#)  
Twitter

## Experience

**Mettabyte** **May 2023 - Present**  
Backend Developer Colombo, Sri Lanka

<https://mettabyte.com/>

- Developed the backend for the JobProMax application using Python and FastAPI web framework.
- Collaborated with cross-functional teams to deliver the backend solution and ensure it met the application's requirements.
- Continuously optimized and improved the backend systems to enhance performance and functionality.
- Contributed to the continuous improvement and optimization of the backend systems.

**Imigap** **March 2023 - June 2023**  
Backend Developer - Intern Galle, Sri Lanka

<https://imigap.com/>

- Developed the backend for [Swype.lk](#), a dynamic digital marketing platform that engages users through QR codes in public spaces.
- Designed and implemented the database architecture using MySQL to store and manage platform data, including user interactions and advertiser promotions.
- Demonstrated problem-solving skills and adaptability in a fast-paced, collaborative internship environment.

## Education

**University of Moratuwa** **March 2024 - Present**  
Engineering Bachelor of Science - Engineering(Hons)

<https://uom.lk/>

**Mahinda College, Galle** **Feb 2021 - Feb 2023**  
Physical Science Stream G.C.E. A/L Examination

3A in Physics, Combined Mathematics, Chemistry

<https://mahindacollege.lk/>

## Languages

### Sinhala

### English

## Interests

### Reading Books

thriller, mystery

### Watching Anime

SciFi, Thriller, Action

### Listening to Podcasts

Scientific, Technology, Economy

## Projects

### JobProMax - Backend

November 2023 - Present

Web app, Data Science, LLM

<https://app.jobpromax.com/>

- Designed and developed the backend architecture for the JobProMax application using Python and the FastAPI web framework.
- Integrated LangChain for the interaction with large language models (LLMs) for advanced data analysis capabilities.
- Implemented Spacy for Natural Language Processing activities such as tokenization.
- Implemented similarity search functionality using techniques like TF-IDF and lexical analysis.

Python, FastAPI, Langchain, LLM, Numpy, MongoDB

### JobMatch - Chrome Extension

May 2023 - October 2023

Extension, Web Browser

<https://bit.ly/3VTGvNo>

- Developed a Chrome extension called JobMatch that analyzes a user's resume and job descriptions to provide a similarity search and match score.
- Utilized React, the Plasmo framework, and Tailwind CSS to build the extension's user interface and functionality.

React, Typescript, TailwindCSS, pnpm

### SwypeQR - Backend

March 2023 - June 2023

Web app

<https://imigap.com/portfolio/>

- Developed the backend systems for the [Swype.lk](https://swype.lk) digital marketing platform using the Symphony framework and PHP
- Designed and implemented the database architecture using MySQL to store and manage platform data, including user interactions and advertiser promotions
- Gained valuable experience in web development, database management, and digital marketing technologies

PHP, MySQL

### Elderly Assistance System

New Invention, Electronics

- Provided overall leadership and guidance to the Innova Minds - Team 2 in developing the "Easy Controller for Daily Life" assistive technology
- Contributed to the technical development, including the integration of sensors, microcontrollers, and wireless connectivity
- Oversaw the project's successful participation and recognition at the WWIEA Award, where the team won a Silver Medal at the Korea International Youth Olympiad 4I 2017

New Invention, Electronics, ESP32, Arduino