

# Abil aas Renganathan

BSc(Hons) Computer Science and  
Software Engineering



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## Profile

I would describe myself as purpose driven, **Tri Lingual** with social skills, a strong team player with leadership experience, adept at evolving skills and a motivated young lad.

## Education

**BSc(Hons) Computer Science and Software Engineering** *SLIIT CITY UNI*

2020 - 2024 | Colombo, Sri Lanka

Bsc(Hons) Computer Science Software Engineering affiliated with the University Of Bedfordshire

Obtained a second class upper division  
Worked

on several projects during the undergraduate program

Member of the IEEE society

## Professional Experience

**International Youth Alliance For Peace,**

Development Intern

present |

Web development and Web Master/ Web Content

Manager

Backend and front management using Strapi CMS and

Next.js

### Saegis Campus

2024Sep-Present

Information Technology Tutor

### American Corner,

Wi-Sci STEM program Trainer

2024May-2024Sep

Conducted workshop programs on

Coding, Robotics and IT for students and teachers

in schools around kandy

### Asian Ceramics Pvt Limited

IT Support Technician

2023 May - 2024 May

IT Troubleshooting and Installations and

Database handling between the branches

## Projects

### Garbage Management Web Application

The web application I developed for undergraduate assignment

### Java Math Game

A small math quiz game utilizing

Spring API I developed for my

undergraduate program

### TechTriton-Hackathon

participated in hackathon

conducted by Root Code and

designed UI/UX and AI/ML

related developings

### Weather Data App

Created an application that

consumes external weather APIs

to provide real-time weather

updates and forecast

## Trinity College Kandy

2005 - 2019 | Kandy, Sri Lanka

Represented the school in all island speech competitions conducted by the education ministry

Member of the Global Linking society

Member of the quiz team and won inter school quiz championship

Member of the IT society

Privileged to be a part of school monitors guild

### Courses and Certification

#### Micro Control and Robotics

*German Technical Institute*

03/2024 - 06/2024 | Colombo, Sri Lanka  
Enhanced my field knowledge by following a certificate course on electronics and programming concepts related to arduino, ESP32 and robotics.

#### American Corner, Makerspace

2024 May- 2024 July

Enhanced my field expertise on 3D printing Electronics and IoT

#### American Corner affiliated with US

Embassy, 2024 July-2024 Sep

*Cyber Security Fundamentals* Kandy, Sri Lanka

Enhanced my field expertise by following a certificate course on cyber security fundamentals

#### American Center, U S Embassy

2024 Aug- 2024 Nov

*Python Game Development*

present | Colombo

Furthered my knowledge and passion that I had on game development by following a certificate course in python game development.

#### University of Moratuwa

*Trainee web*

*developer* present

Following an online 3 month certificate course on web development, python and 3 other courses related to software development by University of Moratuwa

#### Digital Marketing

2024 On-present

Furthered my knowledge on digital marketing fundamentals

## Skills

### Programming

Proven project experience on programming languages and frameworks such as C, C++, Python, HTML, Java, JavaScript, PHP, JS, ON, CSS, Ajax, SQL, React Native, React.js, Postman and API concepts, Android developing and Figma concepts

### Web Application and Web

**Development:** Developed web applications for my undergraduate project

Basic understanding on OOP concepts, Frameworks and libraries, Front end and UI/UX

### Database Management

Understanding of MySQL, NoSQL, Firebase and database designs

### Game Development

Small game development experience related to C++, Java, Python, JavaScript

### Robotics and Micro Control

Completed a certificate course on Robotics and Micro Control focusing on C++, Java and Electronics

### Project Management

Proven Experience on SDLC, Agile Development and project management tools like Jira and Trello

### Quality Assurance

Experience on Quality Management tools such as selenium

### Public Speaking

Participated in several public speaking events and engaged in teaching and training sessions conducted by the American corner

### IDEs and Environments

Basic working knowledge on IDEs such as Visual Studio Code, NetBeans, Word press, Android Studio, Arduino IDE, Processing IDE, Eclipse, Environments such as react, angular and developing environments such as XAMPP, VAMP