



# Dhanushi Arachchi

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👤 [Linkedin](#) 🐙 [GitHub](#)

## ABOUT ME

Enthusiastic Computer Science undergraduate with a focus on full-stack development and hands-on experience in building responsive web applications. **Skilled in React, Spring Boot, and SQL, with a passion for creating seamless user experiences and efficient back-end solutions.** I bring strong problem-solving skills, a collaborative mindset, and a dedication to continuous learning, **seeking to contribute as a Full Stack Developer intern.**

## EDUCATION

2023 - 2027 **BSC (HONS) COMPUTER SCIENCE**  
University of Westminster

2024 - 2028 **BSC (HONS) PHYSICAL SCIENCE**  
University of Colombo

### SANGAMITHTHA GIRLS' COLLEGE, GALLE.

**G.C.E. A/L 2022** (Physical Science Stream)  
Mathematics (A), Chemistry(C), Physics(B)

**G.C.E. O/L 2019** (English Medium) - 9A

### E- CERTIFICATE COURSES

Beginner for web Design - University of Moratuwa (Open Learning).  
E- Certificate course in Object Oriented Design in LinkedIn learning.  
E- Certificate course in SQL Basic Queries.

## WORK EXPERIENCE

09/2023 - 12/2023 **ASSISTANT GRAPHIC DESIGNER**  
At AASHA institution

2022 - Present **BUSINESS DEVELOPMENT PARTNER**  
At SAL enterprises

## SKILLS

### Languages

- Professional English (Fluent), Sinhala (Native), Tamil (Basic proficiency)

### Programming

- Java, JavaScript, Typescript, HTML, CSS, PostgreSQL SQL (MySQL), React.js, Python, Spring Boot Software and Angular.

### Tools

- Git, GitHub, Postman, MySQL, Microsoft Office 365, IntelliJ IDEA, PyCharm, NetBeans

## Soft Skills

- **Strong communication, teamwork, and organizational abilities**, effective **event coordination**
- Effective **problem-solving** as a school prefect and proactive **task prioritization to meet tight deadlines** across multiple academic and work commitments.

## VOLUNTEERING

- I served as the Assistant Secretary for the year 2023/2024 and as the **Treasurer for the year 2024/2025** of **Leo Club of Southern Metro**.
- As a member of **IEEE at IIT**, I have participated in various tech-driven initiatives and events, aiming to promote innovation and knowledge-sharing within the community.
- I also had the opportunity to represent Denmark as a delegate at the **THIMUN conference held in Netherlands**, enhancing my diplomatic and public speaking skills.

## PROJECTS

- **AI-Powered Job Interview Simulation Platform using Python, Flask, React.js, PostgreSQL, WebSocket**
  - Developing an AI-powered job interview simulation platform that emulates professional interview environments. Contributing to both backend and frontend, implementing real-time feedback, voice and video analysis, and interactive scoring. Integrated features include real-time communication and a CI/CD pipeline for streamlined deployment.
- **Estate Agent Client-side Web Application using React.js, JavaScript, JSON, HTML, CSS, Bootstrap**
  - Developed a responsive real estate web application for property search and management. Features include dynamic filtering, interactive UI components, detailed property pages with images and maps, and a favorites management system using local storage. The system is designed to ensure security with CSP and HTML encoding.
- **Real-Time Event Ticketing System using React.js, Spring Boot, Java Multi-threading, RESTful APIs**
  - Created a real-time ticket management system combining multi-threading and concurrency concepts. It uses a CLI for configuration, Spring Boot for backend management, and a React frontend for real-time visualization. Implements the Producer-Consumer pattern for concurrent ticket handling, ensuring synchronization.

## INTERESTS

- Enjoy travel – have traveled extensively through Western Europe, and India recently.
- Enjoy playing Karate – As a black belt holder, I always enjoyed being a Karate player.
- Exploring the potential of AI to optimize workflows and enhance efficiency.
- Passionate about integrating IoT and machine learning for innovative software solutions.

## REFERENCES

### Mr. Torin Wirasingha

Senior Lecturer at Faculty of Computing

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### Mr. Sunil Lokunarangoda

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