

DILSHA WIJESINGHE

IT Lecturer cum Assistant Coordinator



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MOTIVATION

I am an experienced educator and ICT professional passionate about lecturing undergraduate students with essential software engineering and computing skills. As a Lecturer and Academic Coordinator in School of Computing at BCI Campus Negombo, I have coordinated IT lectures, managed infrastructure, and delivered engaging lessons that have improved course completion rates and received positive student feedback.

I specialize in creating interactive learning experiences, delivering practical labs, and designing effective assessments that support student growth. As an academic lead, I have shown strong leadership by mentoring students, developing innovative course materials, and aligning the curriculum with industry trends to ensure relevance. My dedication to teaching and expertise in software engineering enable me to prepare students for success in today's fast-paced IT industry, making me a valuable contributor to any academic institution.

PERSONAL DETAILS

Name in Full	:	Hettithanthrige Dona Dilsha Rameshi Wijesinghe
Date of Birth	:	06/11/1997
Gender	:	Female
Citizenship	:	Sri Lanka
NIC No	:	978111149V

ACADEMIC QUALIFICATIONS

Academic Integrity in Sri Lankan IT Degree Programmes

- **Bachelor of Information and Communication Technology:** South Eastern University of Sri Lanka (Feb 2019 – Feb 2025)

Result	:	Second Class (Upper Division)
Medium of Instruction	:	English
Specialization	:	Software Technologies
Grade Point Average/GPA (Overall)	:	3.58

- **Course in Office Application:** Zonal computer resource centre (September 2017 – December 2017)

Result	:	Completed
Medium of	:	English

- **Certificate Courses**

DIGMAX EDU	:	Basic Java
FREECODECAM	:	Front end
FREECODECAM	:	Responsive Web
UDEMY	:	HTML
OPENEDG	:	Programming in

RESEARCH EXPERIENCE & PUBLICATIONS

South Eastern University, Sri Lanka (September 2023 – September 2024)

Title: Developing a mobile application to enhance the math skills of autistic children

- The research focuses on the children diagnosed with autism spectrum disorder. This project aims to enhance math skills of those children by using technological solutions. A mobile application was developed to fill one of the gaps which is finger counting. By using the mobile application developed through the research the students could show an immense progress rather using traditional patterns.

BCI Campus, Negombo (September 2025)

- Participated to the BCI International Research Conference 2025 presenting the paper titled “Federated Learning Frameworks for Cloud Performance: Privacy, Communication, Computation and Scalability Challenges.”

Projects Related to Lectures

LARAVEL CURD OPERATION

Project - (2024)

- This laravel CRUD project based on student management system was developed as a guidance for the students to enhance their understanding of using CRUD. The project serves as a practical example of how to implement Create, Read, Update, and Delete (CRUD) functionalities, utilizing laravel. By working through this project, students gain hands-on experience in building dynamic applications, applying fundamental concepts of web development, and learning how front-end and back-end technologies interact within a modern Internet application.

Project source link - [git@github.com:dilsha-web/laravel_CRUD.git](https://github.com/dilsha-web/laravel_CRUD.git)

Research Project

SMARTCOUNT - THE MOBILE APPLICATION FOR AUTISTIC CHILDREN

Research Project - (2024)

- Supervisor: Miss M.S. Shafana (Senior Lecturer), South Eastern University, Sri Lanka
- A mobile application was developed to enhance the counting skills of the children diagnosed with autism spectrum disorder. This also shows how technological solutions impact on their interaction rather traditional teaching methods.

Mini Group Project

E-TICKETING SYSTEM USING VUE AND LARAVEL

- Group Project in the internship
- Team Role: Team Leader
- This project aimed to develop an e ticketing system for the passengers who travel using trains. This has been done using vue as the front-end and laravel as the backend.

Project source link - [git@github.com:AppsDept-Industrial-Training/project-team-1.git](https://github.com/AppsDept-Industrial-Training/project-team-1.git)

EMPLOYMENT

IT Lecturer cum Assistant Coordinator at BCI Campus Negombo, Sri Lanka (May 2025 – Present)

- As an IT Lecturer cum Assistant Coordinator responsible for the academic leadership, quality enhancement, integrity and management of degree programs such as degree on information technology and software engineering.

Demonstrator at South Eastern University, Sri Lanka (**October 2024 – April 2025**)

- Developed and delivered engaging lectures and practical labs in advanced software engineering topics, including JavaScript, PHP. Fostered critical thinking and problem-solving abilities through project-based learning, guiding students in building web applications and software solutions. Provided comprehensive instruction in essential ICT fundamentals, covering Microsoft Office tools and core computing concepts. Also taught distributed cloud computing mechanisms like RPC, RMI, MPI and Fortran using ubuntu VM. Cultivated a supportive and inclusive learning environment, mentoring students and offering personalized guidance to enhance their academic success.

Skills: Mentoring and academic guidance, Web system technologies, Parallel computing mechanisms.

Full Stack Developer | Intern at AppsDept (PVT) LTD, Sri Lanka (**March 2024 – September 2024**)

- Eager Intern Software Engineer with experience in the full software development lifecycle (SDLC) seeking a new opportunity to leverage strong programming skills and problem-solving abilities. Successfully developed websites using vue and collaborated effectively with senior developers and designers at AppsDept Private Limited, demonstrating a commitment to continuous learning and high-quality software solutions

Associate Math Tutor at Third Space Global (PVT) Ltd, Sri Lanka (**December 2017 – January 2019**)

- Worked as an online math tutor where mathematics was taught for the primary students in UK. As a qualified math tutor more than 30 session were conducted per week using an interactive platform. Could have an experience on strong mathematical and analytical skills, teaching techniques and verbal communication skills.

LANGUAGE FLUENCY

Sinhala: Native

English: Fluent

EXTRACURRICULAR ACTIVITIES

- Netball team member
- Participated in swimming competitions
- Mentor at Avinya Foundations Academy

NON-RELATED REFEREES

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