



PUJANA RATHNAYAKE

COMPUTER SCIENCE UNDERGRADUATE

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PROFILE

Computer Science undergraduate with hands-on experience in software engineering and project management. Skilled in developing full-stack applications, UI/UX design, and working in agile teams. Passionate about building impactful digital solutions and continuously learning new technologies.

TECHNICAL SKILLS

- Languages

Python, Java, Kotlin, SQL

- Web – Development

React, NodeJS

HTML, CSS, JavaScript

Spring Boot

- Platforms

GitHub, Firebase, Figma, Microsoft

Word, Microsoft Excel, Microsoft

PowerPoint

- Database

MySQL

NON-TECHNICAL SKILLS

- Presenting skills
- Project Coordination & Planning
- Leadership skills
- Teamwork
- Good Communication

LANGUAGES

- An excellent communications skill in both Sinhala & English languages (spoken and written)

EDUCATION

BSc (Hons) in Computer Science

University of Westminster, UK – Informatics Institute of Technology
(2023 – 2027)

- BSc (Hons) Computer Science – 2nd Year

- Foundation certificate in Higher Education - (Distinction pass) – 2023

Royal College, Colombo (2010 – 2023)

Primary & Secondary Education

PROJECTS

Student University Grading System

(Nov 2023 - Dec 2023) University of Westminster / IIT

Progression outcome predictor using Python

- Developed a CLI using Python.

Flight Ticket Booking Management System

(Jan 2023 – Mar 2023) University of Westminster / IIT

A Java program with OOP concepts to manage ticket booking process.

- Developed a CLI using Java.

Currency Converter Web Application

(Sep 2024 – Present) Personal Project

Application to convert multiple currencies (MERN Stack application)

Ceilao Grid – Mobile Application

(Sep 2024 - Present) University of Westminster / IIT

Agricultural mobile app for plant cultivation using Augmented Reality

- Kotlin based mobile application.
- Augmented Reality integrated using AR core.
- Developed Front – end functionalities and database management with Firebase.
- Designed the user interface using Figma.

Greenify - Web application

(Sep 2024 – Oct 2024) University of Westminster / IIT

A demo web application developed to represent UN Sustainable development goals

- Developed the page using HTML, CSS & JavaScript.

CERTIFICATIONS



[Azure AI Fundamentals](#)
(AI-900)



[Github Foundations](#)



Certificate in Computer
Science

EXPERIENCE

Online Mathematics Tutor (Nov 2023 – Present)

Third Space Global – Remote-
Part Time

- Conducting virtual tutoring sessions for students in United Kingdom

COMPETITONS

- IEEE EXTEME 18.0
- Coderally 5.0
- Cutting Edge '23
- Codesprint 8.0

REFEREES

Mr. Santhusha Mallawatantri

Consultant UX Architect & Product
Design Lead | Visiting Lecturer
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Mr. Thamal Chanakya

Data Analyst
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Advanced Ticket Booking Management System

(Jan 2023 – Mar 2023) University of Westminster / IIT

A Java program with OOP concepts with concurrent thread implementation to manage vendors and customers with a Graphical User Interface

- Developed a CLI using Java.
- Developed a GUI using react front – end & integrated back - end using Spring-boot.

ECOLY – UI/UX Design

(May 2023 – Sep 2023) University of Westminster / IIT

A mobile application - software solution for waste management

EXTRA – CURRICULAR

IEEE Computer Society of IIT SBC

Program & Logistic Lead 24/25

2025 Jan – Present

- Handled task prioritization and timeline tracking for multiple IEEE events.

Project Vice Chair - IndustPro 4.0

2025Feb – 2025 May

- Five-part workshop series connecting industry leaders with aspiring professionals, Managed resources and volunteer allocations across volunteering teams

Logistics Lead - Webspire 2.0

2024 Dec – 2025 Mar

- Handled logistics for a workshop series on web development and UI/UX, including hands-on sessions and an industry visit, ensuring smooth coordination and a structured learning experience for participants.

Program & Logistics Vice Chair - Coderally 5.0

2024 May – 2024 Dec

- Managed logistics for workshops and a 24-hour hackathon with 40 teams, ensuring smooth coordination of resources, scheduling, and team support.

Program & logistics Volunteer

- Expedition
- IEEE Extreme 18.0
- Webspire 1.0
- IndustPro 3.0
- Cutting Edge '23
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Royal College, Colombo

- The Buddhist Way Magazine – 3rd Edition Sub – editor
- Junior Steward
- Senior Eastern Band - Leader
- Royal College Dancing Society – Chairman & Secretary