




Ravija Vitharana

Software Engineering Undergraduate

+94 70 100 22 23 @ ravijaanthony@gmail.com

Profiles	 ravijaanthony		 ravijaanthony	
Summary	Aspiring software developer and engineer, keen to learn new technologies and eager to contribute towards projects and also work in a collaborative environment.			
Projects	Phone brr (Python, Gradio)		Sept 2023 - March 2024	
	A collaborative group project done to provide immersive audio experience towards users who find advertisements to be boring and students who are unable to concentrate on video-based learning. This project allowed me to gain hands-on experience working with audio engineering and soundwaves as well as on Python and about Python-based UI service called Gradio.			
Techinal Skills	Git	Python	Java	Javascript
	Flutter	React.js	Docker	
Experience	SkyTech Engineering		June 2024 - Present	
	Intern Software Developer		Mount Lavinia	
	 https://www.skytechen.com/			
	IOT-Based System for an Aquaponic Vertical Garden (Arduino, Docker, Flutter, MQTT, Node.js)			
	A project developed by myself and my colleague facilitates automated watering, water quality testing, and reporting using an IOT-based system. It offers cross-platform access to the water quality through an app connected via the internet.			
Soft Skills	Communication	Collaboraion	Team Working	
	Problem Solving	Critical Thinking	Presentation	
Education	University of Westminster, UK		2020 - Present	
	Software Engineering		Bachelors	
	During my second year, I gained practical experience in software development, applying Object-Oriented Programming (OOP) principles in a Java application and strengthening my database management skills with SQL . I developed an algorithm for a project to solve a shortest-path maze problem and contributed as a Software Developer to a group project, "Phone Brr," using Python to address real-world challenges. Additionally, I explored Machine Learning , leveraging R to analyze scenarios and propose data-driven solutions.			
	In my first year, I gained foundational knowledge in Java programming , applying it to develop a booking system for a university project. I also explored web development , collaborating with a team to create a shop website with a shopping cart system. Additionally, I studied mathematics and used it to find solutions to practical problems, while also gaining a broader understanding of computers and computer-related services, enhancing my overall knowledge in the field.			

Achievements	Imagine Cup Microsoft Top 15 Team - Phone brr	2023 - 2024	CodeSprint 7.0 IEEE CS Student Branch of IIT, Sri Lanka Top 15 Team - Phone brr	2023
	CodeRally 4.0 Generative AI Hackathon IEEE CS Student Branch of IIT, Sri Lanka Top 15 Team - NeuralMinds	2023	AI-Driven IEEE CS Student Branch of IIT, Sri Lanka Participation	2023

References	Banuka Athuraliya Managing Director - Andro Dollar Network (PVT) LTD SDGP Module Leader/Visiting Lecturer - Informatics Institute of Technology (IIT) Phone number: +94 77 778 10 61 Email: banu@androdollar.com	Mohanadas Jananie Assistant Lecturer - Informatics Institute of Technology (IIT) Phone number: +94 77 721 00 97 Email: mohanadas.j@iit.ac.lk