THARUSHA DILSHAN BANDARA

✉ tharushadil0@gmail.com   📞 +94769032125   📍 No68 Padukka Road, Padukka Road, 12400 Horana

Profile

Passionate and detail-oriented Computer Science undergraduate specializing in Artificial Intelligence and software development. Committed to building innovative, data-driven solutions that optimize performance, improve user experience, and expand the potential of emerging technologies.

Education

BSc (Hons) Computer Science with Artificial Intelligence(Undergraduate) Oct 2023 - Present
NIBM(KIC), Kandy

International Foundation Diploma In Information Technology Jul 2022 - May 2023
Esoft Metro campus, Colombo

Diploma In IT (INTERNATIONAL) Nov 2018 - Apr 2019
Esoft Metro Campus, Kaluthara

Diploma In English (DIE) Jan 2018 - Jun 2018
Esoft Metro Campus, Kaluthara

GCE Ordinary Level 2017
Royal College, Horana

Projects

ParkMate – Automated Smart Parking System
Developed an AI-powered smart parking solution integrating IoT, license plate recognition, and a mobile application.
- Achieved a 70% reduction in manual processing and improved space utilization by 50%.
- Engineered real-time availability tracking, entry detection, reservation features, and payment processing.
- Designed an iPad app for parking lot owners to monitor performance statistics and manage operations efficiently.

References

Dr. Sampath Deegalla
Senior Lecturer, Department of Computer Engineering
Faculty of Engineering University of Peradeniya, Peradeniya
+94 77 762 5054, sampath@eng.pdn.ac.lk

K Mahesh Madhushan
Course Director/ Lecturer, NIBM-Kandy Innovation Center
+94 75 404 0403, mahesh@nibm.lk

Personal details

Gender
Male

Nationality
Sri Lankan

Portfolio
tdbandara.my.canva.site/portfolio

Courses

Graphic Design & Creativity Development
2024

TECHNICAL SKILLS

Programming: Python, Java, SQL, C++

Web Development: HTML, CSS, JavaScript

Artificial Intelligence & Machine Learning

UI/UX Design: Figma

Graphic Design: Adobe Photoshop, Illustrator, Canva

Database Management: MySQL, NoSQL

SOFT SKILLS

Leadership & Teamwork

Communication & Presentation

Problem-Solving & Critical Thinking

Project Management