



THISARA EDIRISINGHA

Computer Science Student

Contact

- +94 77 56 94 210
- thisaraedirisinha9@gmail.com
- Thisara Edirisingha
- thisara011
- techwiththisara.blogspot.com

Technical skills

- Programming Languages:** Python, JavaScript, HTML/CSS, SQL, Java
- Frameworks & Tools:** React.js, Node.js, .NET
- Database:** MySQL, MongoDB
- Cloud Platforms:** Microsoft Azure
- Version Control:** Git, GitHub
- Other Skills:** Agile Methodology, Postman API, Test Automation

Leadership & Volunteering

- Microsoft Learn Student Ambassador
- Chairperson, IEEE Student Branch of NIBM
- Vice President, NIBM Computing Society
- Member, Computer Society of Sri Lanka
- Team Leader, IROBEX
- Ambassador, STEMUP Educational Foundation
- Student Expert, Postman

PROFILE

As a 2nd-year Computer Science student at the National Institute of Business Management (NIBM), I am passionate about AI and machine learning. I have strong skills in full-stack development. So, I like to solve problems, create, and invent new technologies.

EDUCATION

- BSc (Hons) Computing** **2022 - PRESENT**
National Institute of Business Management Sri Lanka
 - Higher National Diploma in Software Engineering (In Progress)
 - Diploma in Software Engineering (In Progress)
 - Relevant Coursework: Data Structures and Algorithms, Web Development, Algorithms, Advanced Database Management, Object-Oriented Programming (OOP), Mobile Application Development, Statistics for Computing, Machine Learning for Artificial Intelligence.
- GCE (A/L) - Biological Science** **2017 - 2020**
Madulla Central College
 - Biological Science Results: Biology (F), Chemistry (C), Physics (S), English (C).
- GCE (O/L) - Ordinary level** **2016**
Buddama Maha Vidyalaya
 - A Grades: Mathematics, Health, Buddhism, History, Geography, Sinhala
 - C Grades: Science, English, Art

CERTIFICATIONS & COURSES

- Career Essentials in Generative AI from Microsoft and LinkedIn
- Generative AI from LinkedIn
- Machine Learning from Udemy
- What Is Generative AI? from LinkedIn
- Introduction to Quantum Computing from Udemy
- Postman API Fundamentals Student Expert from Canvas Credentials
- IEEE Volunteer from IEEE
- Microsoft Certified: Azure AI Engineer Associate from Microsoft
- Azure Repos and GitHub from Microsoft
- Azure AI Fundamentals from Microsoft
- Microsoft Certified: Azure Fundamentals from Microsoft
- Linux Modules from Udemy
- Get Started with API Gateway from Google Cloud

LANGUAGES

- English (Basics)
- Sinhala (Fluent)

EXTRACURRICULAR ACTIVITIES

- **Finalist in Code Gen 2024** organized by CodeGen.
- **IEEE R10 Ethics Champion:** Scored 70% or higher in the R10 Ethics Super Power Challenge Assessment as a participant from the Sri Lanka Section.

PROJECT

- **Plant-Fungus-Identification-system-using-machine-learning**
 - Technologies Used: Python, Flask, OpenCV Developed an image classification system to identify healthy plants versus those affected by fungal diseases. Built a machine learning model using a Kaggle dataset, achieving 90% accuracy.
- **Hospital Patient Management System**
 - Technologies Used:Java, MySQL Designed and implemented a hospital patient management system utilizing data structures and algorithms to optimize patient records handling and improve healthcare service efficiency.
- **Human-Following Shopping Cart**
 - Technologies Used:Arduino, C++ Created a robotic shopping cart capable of following a human using sensors and algorithms for real-time tracking, enhancing the shopping experience through automation.
- **Ayu Sensei Health Assessment App**
 - Technologies Used: Flutter, Machine Learning, MongoDB Description: An innovative app that integrates modern technology with traditional Ayurveda medicine, offering personalized health assessments and recommendations.

REFERENCE

Dr. O. K. S. K. Kumara Senior Medical Officer Boralla Ayurweda Hospital +94 71 803 9678 saman.opatha9@gmail.com	R. G. Vimukthi Pathirana Senior lecturer NIBM +94 71 034 0367 vimukthi@nibm.lk
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