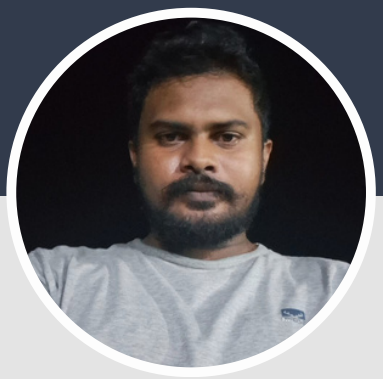
VIDURA KAVINDA

BSc Computer Science(UG)



CONTACT

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Colombo

LinkedIn

SKILLS

- Front-End Deveopment
- Database Management
- Windows Application Development
- Web Development
- Mostly Familiar with Python,C++,java,react
- Effective Communication
- Leadership & Teamwork
- Time Management

LANGUAGES

- Sinhala
- English

REFERENCE

T.Thanushya
Lecturer Department of Computer Science Trincomalee Campus, Eastern University
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PROFILE

Dedicated and motivated individual with a strong foundation in computer science and excellent. Seeking an internship to leverage academic knowledge and gain hands-on experience in a professional setting. Passionate about problem-solving, teamwork, and continuous learning

EDUCATION

Eastern University, Sri Lanka 2022 - PRESENT
Bachelor of Science in Computer Science

1st Year	GRADE
Basic Mathematics for Computing	A-
Basic Computer Programming	A-
Formal Methods for Problem Solving	B
Computer Systems & PC Applications	B-
Statistics for Science & Technology	B-
Management Information Systems	C
Systems Analysis and Design	C
Data Structures and Algorithm	B+
Database Management Systems	B-
Multimedia & Hypermedia Development	B-
Computer Architecture	B-

2nd Year	GRADE
advanced Mathematics for Computing	A-
operating Systems	B-
software Engineering	C
Internet & Web Design	A-
Object Oriented Programming	A-
Data Communication Systems	B
Visual Systems Development Tools	A+
Computer Graphics	A-
Human Computer Interaction	A+
Software Management Techniques	B
Automata Theory	B-

3rd Year(3.1sem)	GRADE
Logic Programming & Expert Systems	B+
Advanced Database Management Systems	A+
Systems & Network Administration	A-
Data Security	A+
Theory of Computing	C+

CURRENT GPA (2.96)

ESOFT Institute 2019 - 2020
Diploma in English

PROJECTS

2D cricket game Using Python

Developed an interactive 2D cricket game using **Pygame**, featuring realistic ball physics, collision detection, and smooth animations. Applied Python **OOP principles** to design reusable game mechanics and enhance gameplay efficiency.

2D BattleShip multiplayer game Using Python

Designed and developed a 2D multiplayer Battleship game using **Pygame** for graphics and real-time interaction. Leveraged Python **socket programming** to enable player connectivity and **OOP principles** for grid-based gameplay, ship placement, and turn-based logic.

Image capture Calculator Using Python

Developed an intelligent calculator that captures handwritten equations from images and computes results. Utilized **OpenCV** for image processing, **Tesseract OCR** for text recognition, and **NumPy** for equation evaluation, ensuring accuracy and real-time functionality.

Student Attencence System using Python

Built a student attendance system using Python and **OpenCV** for face recognition, automating attendance marking. Integrated face detection, image processing, and **SQLite** for data storage, providing efficient tracking and reporting of student attendance.

Dumb Language Identification System Using ML/Python

Developed a Sign Language Identification System using **Machine Learning** and Python, leveraging **TensorFlow** for model training. Implemented real-time hand gesture recognition to translate sign language into text or speech for better communication assistance.

Find rental House Site Using React

Developed a Responsive Rental House Website using **React** and **Tailwind CSS**, providing users with an intuitive interface to search, filter, and view property listings. Ensured mobile-first design and optimal user experience across all devices.

Portfolio site Using next.js

Created a Personal Portfolio Website using **Next.js** and **Tailwind CSS**, showcasing projects, skills, and achievements with a clean, modern design. Implemented optimized performance, SEO, and responsive layout for seamless viewing across all devices.

Arduino Car using C++

Use a **Bluetooth** module (HC-05/HC-06) to receive commands from a smartphone app. Logic: Program movement using **C++ on Arduino**, which processes input and controls motors via an L298N motor driver.Use a rechargeable battery for mobility and optionally add **ultrasonic sensors** for obstacle detection.

EXTRA-CURRICULAR ACTIVITIES

Hack And Code(2023-24)
Organizing school-level Python competition and act as a judge panel member

Member of School Criicket(2015-16)
acted as Right-hand batsman and spiner