



UDITHA CHIRANJEEWA VITHANAGE

Computer Science Undergraduate

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PROFILE

Motivated and dedicated Computer Science undergraduate at the Informatics Institute of Technology (IIT) with a strong foundation in programming and web development. Skilled in Python, JavaScript, and Java, with hands-on experience developing applications that enhance user experience and solve real-world challenges. Proficient in frontend (React.js) and backend (Node.js, Express.js) technologies, along with database management using MongoDB and MySQL. Eager to apply technical expertise, problem-solving abilities, and passion for innovation in a challenging internship role.

PROJECTS

A web app PetLife (Ongoing)	PetLife is a pet care web application with digital vaccination records, vet booking, health reminders, a pet shop, community chat, newsfeed and pet weight analysis. Link: www.pet-lifes.com
Video Downloader web app (2024)	A Node.js-powered video downloader web app that supports YouTube, Facebook and TikTok. Built with HBS templates, HTML, and CSS, it offers a simple and responsive interface for quick and easy video downloads. Link: https://videodownloaderv2.vercel.app/
A website for Wildlife (2024)	Developed a fully functional and responsive website using HTML, CSS, and JavaScript. Created user-friendly interfaces to protect wildlife.
Singlish - to - sinhala converter (2024)	**Singhlish to Sinhala Converter** is a Python tool that converts Romanized Sinhala (Singhlish) text into Sinhala script. Users can input Sinhala words using the English alphabet, and the tool accurately converts them into Sinhala characters.
Personal Finance Tracker (2024)	Built a Python app with Tkinter to manage finances, supporting CRUD operations, search, and data storage in JSON.
PDF - to - Word Converter (2024)	A simple Python tool to convert PDF files to Word (.docx) format.

EDUCATION

2024 - Ongoing	Informatics Institute of Technology (IIT) BSc (Hons) Computer Science
2023 - 2024	Informatics Institute of Technology (IIT) Foundation Certificate in Higher Education Distinction pass
2019 - 2022(2023)	Rahula College Matara G.C.E (Advance Level) Examination Physical Science Stream “B” pass & two “C” passes
2017 - 2019	Rahula College Matara G.C.E (Ordinary Level) Examination with ICT Eight "A" passes and One “B” Pass

SKILLS

Programming Languages	JavaScript, Python, Java
Web Development frontend frameworks	ReactJS, Tailwind css
Web Development backend	NodeJS, ExpressJS
Database	MongoDB, MySQL
Related IDEs	Intellij IDEA, Visual Studio Code

EXTRA - CURRICULAR ACTIVITIES

Participated in the "VIBAVI" invention competition.
Joined "Love Sri Lanka Festival" in 2019.

TEAMWORK EXPERIENCE

Worked with a team to create the **WildSphere** website to share wildlife information and **PetLife** web app to help with pet care. Gained experience in full-stack development, teamwork, and project management.

REFEREES

Mrs. Hasini Kasthuriarachchi
B.Sc. (Hons) in Elect. Eng (UoM)
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