



# VINDYA SATHSARANI

BICT (Hons) Undergraduate



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## ABOUT ME

I am a final-year ICT undergraduate at Rajarata University of Sri Lanka, specializing in web development. Passionate about technology, I strive to enhance my skills through continuous learning and staying current with industry trends.

## EDUCATION

**Rajarata University of Sri Lanka**

2021-2025

Bachelor of Information Communication Technology (Hons)

GPA: Second Upper (up to 4th semester)

## TECHNICAL SKILLS

Programming Languages: JavaScript, C, Java,

Object-Oriented Programming (OOP)

Web Development & Frameworks: HTML, CSS, JS, React.js, Vite, Node.js, Express.js, Tailwind CSS

Database Management: MongoDB, MySQL

Tools & Platforms: Visual Studio, IntelliJ IDEA, GitHub, Docker

API Development & Testing: Postman

## SOFT SKILLS

- Teamwork
- Leadership
- Adaptability
- Quick Learner

## LANGUAGES

- English
- German (Basics)
- Sinhala

## RELEVANT COURSES & CERTIFICATIONS

Full Stack Web Development Course (Skyrek Academy), 2024

Introduction to DevOps Tools (Simplilearn), 2024

4-Month Course in Enterprise Software Application Development (Digimax Interactive Sri Lanka), 2024

AI / ML Engineer – Stage 1 – SLIIT Uni, 2023

Programming Fundamentals (Coursera), 2022

Python Programming (University of Moratuwa), 2022

Web Design for Beginners (University of Moratuwa), 2022

Introduction to Cybersecurity (Cisco), 2022

Python Programming – University of Moratuwa, 2022

Python for Beginners – University of Moratuwa, 2022

Web Design for Beginners- University of Moratuwa, 2022

Tech X Scholarship 25 Courses. (Gatwick College of Business and Technology), 2020

## PROJECTS

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### **Machine Learning Models for Rice Price Prediction in Sri Lanka**

DEC 2024 - PRESENT

#### **(Research - Ongoing)**

- Currently working on developing a machine learning model to predict rice prices in Sri Lanka using weather data, exchange rates, and yield trends.
- Technologies: Python, TensorFlow, Scikit-learn, Pandas, NumPy, Jupyter Notebook, Google Colab, Excel, Git, GitHub

### **Hotel Management System (Personal Project)**

Nov 2024 - Feb 2025

- Developed a Hotel Management System that streamlines room bookings, feedback submission, and admin controls, including maintenance scheduling and customer support via a ticketing service.
- Technologies: Vite (React), Node.js, Express, MongoDB, Postman, JWT, Firebase, Tailwind CSS

### **Agriculture Transactions Management System (Personal Project)**

Sep 2024 - Dec 2024

- Developed a full-stack Agriculture Transactions Management System to manage farm operations, including sales, investors details, financials, and resources like equipment, seeds, labor, and land.
- Technologies: React, Node.js, Express, MongoDB, JWT, Tailwind CSS, Bootstrap, Postman

### **My Portfolio**

June 2024 - July 2024

- Created a portfolio website to showcase my skills, projects, resume, and academic journey, demonstrating my expertise in full-stack web development.
- Technologies: React, HTML, CSS

### **Academic Project Management System (Group Project), (Leader)**

Apr 2024 - Jan 2025

- Developed a platform to manage report submissions, project progress, create panels, put marks, release results and grade calculations etc, benefiting actors like Registrars, Students, Staff, Mentors, Coordinator and Examiners.
- Technologies: Vite (React), Node.js, Express, MongoDB, JWT, Tailwind CSS, Firebase, Postman, Render, Netlify

### **Food Delivery Platform (Group Project)**

Jan 2023 - Apr 2024

- The food delivery platform offers secure user authentication, real-time updates, displays food items with prices, manages customer credentials, and ensures smooth ordering and delivery.
- Technologies: React, Tailwind CSS, Node.js, Express, MongoDB, JWT, Postman

## REFERENCES

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