

VINDYA UPANANDA

Software Engineering Intern

Anuradhapura, Sri Lanka | +94 74 118 6432 | vindyasathsarani3095@gmail.com |



ABOUT ME

Motivated final-year ICT undergraduate passionate about web development, particularly Node.js, Express, React.js, and MongoDB. Strong problem-solving skills with practical experience in academic projects. Eager to apply technical knowledge to innovative web solutions.

EDUCATION

2021-2025 **Bachelor of Information Communication Technology (Hons) (UG)**

Rajarata University of Sri Lanka

Mihintale

- Current GPA: 3.63
 - Data Structures & Algorithms, Design Patterns, Software Engineering, Database Management, Cloud Computing
 - Completed four group projects, two personal projects, and currently engaged in research.
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SKILLS

Technical Skills

- Front-End: JavaScript, React.js
- Server-Side: JavaScript, Node.js, Express.js
- Databases: MongoDB, MySQL
- Development Tools: Visual Studio Code, GitHub, Docker, Postman
- Object-Oriented Programming (OOP)

Soft Skills

- Teamwork
 - Adaptability
 - Leadership
 - Fast Learner
 - Communication
 - Critical Thinking
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CERTIFICATES

- **Mastering AI on AWS: Training AWS Certified AI-Practitioner, 2025**
Udemy
- **Student Ambassadors Technical Training, 2025**
Microsoft Learn
- **Introduction to DevOps Tools, 2025**
Simplilearn
- **Full Stack Web Development Course, 2024**
Skyrek Academy
- **Enterprise Software Application Development Course (Java), 2023**
Digimax Interactive Sri Lanka
- **Programming Fundamentals, 2023**
Coursera
- **Web Design for Beginners, 2023**
University of Moratuwa

RESEARCH & PROJECTS

Machine Learning Models for Rice Price Prediction in Sri Lanka (Research - In Progress)

Dec 2024 - Present

- Developing a machine learning model to predict rice prices in Sri Lanka using five key parameters: weather conditions (rainfall, temperature, radiation), exchange rates, and yield trends.
- Collecting and analyzing 5,000+ data points for more accurate predictions
- Technologies: Machine Learning, Python

Agriculture Transactions Management System (Individual Project)

Sep 2024 – Mar 2025

- Developed a full-stack Agriculture Transactions Management System for farm operations, sales, investors, and resources.
- Improved efficiency by 40% compared to traditional manual paper-based processes.
- Technologies: MERN Stack

Hotel Management System (Individual Project)

Nov 2024 - Feb 2025

- Developed a Hotel Management System for bookings, feedback, admin controls, and maintenance.
- Improved operational efficiency by 25%, streamlining workflows and reducing manual errors.
- Technologies: MERN Stack

Academic Project Management System (Group Project), (Team Leader)

Apr 2024 - Jan 2025

- Developed a platform for report submissions, progress tracking, panel creation, grading, and result management, benefiting Registrar, Students, Staff, and Examiners.
- Led a 5-member team to build a university-wide platform
- Reduced evaluation time by 50% through automated grading and panel management.
- Benefited 500+ students and staff across the university
- Technologies: MERN Stack

Food Delivery Platform (Group Project)

Jan 2023 - Apr 2024

- Developed a food delivery platform with secure authentication, real-time updates, and seamless ordering and delivery.
- Increased order conversion rates by 20% and improved user experience.
- Technologies: MERN Stack

REFERENCES

Ms. Udani Jayakodi
Lecturer (Temporary)
Department of ICT
Faculty of Technology
Rajarata University of Sri Lanka
usjayako@tec.rjt.ac.lk
+94 76 730 1374

Mr. Shane Umayanga
CEO
CraftedAxe (Pvt) Ltd
shaneumayanga445@gmail.com
+94 76 200 7484