Vindya Kodithuwakku

Software Engineering Intern

✉ vindyasubodhi@gmail.com ⬤ github.com/vindyakodithuwakku02 🔗 linkedin.com/in/vindya-kodithuwakku
📞 +94 71 360 2885 📍 Galle, Sri Lanka 🌐 Portfolio

Profile Summary

Energetic and detail-oriented undergraduate passionate about developing efficient, user-focused software solutions. Experienced in full-stack web development, cloud integration, and Agile collaboration. Strong analytical and problem-solving skills, with a keen ability to learn new technologies quickly and deliver reliable, maintainable code aligned with organizational goals.

Education

BSc (Hons) in Computing & Information Systems (UG)　　　　　　　　　　2023 – Present
Sabaragamuwa University of Sri Lanka
Current GPA: 3.77 / 4.00

Sanghamitta Balika Vidyalaya – Galle　　　　　　　　　　2013 – 2021
G.C.E. A/L (Physical Science) – Combined Maths (B), Chemistry (B), Physics (C) — 2021
G.C.E. O/L – 9 A Passes — 2018

Technical Skills

Frontend: HTML, CSS3, JavaScript, React.js, Next.js, Tailwind CSS
Backend: Node.js, Express.js, PHP, Java, Python
Database & Cloud: MySQL, MongoDB, Firebase
Tools & DevOps: Git & GitHub, VS Code, Postman, Jira, Figma, CI/CD, Agile
Core Programming: Object-Oriented Programming (OOP), Data Structures, Algorithms, Design Patterns, Testing

Projects

⬤ Smart Mobile Ticketing Platform – Domino's Sri Lanka　　　　　　　　　　2025 – Present
Group Project — Flutter, Node.js, PostgreSQL, AWS

- Built a mobile ticketing system improving maintenance efficiency across 30+ outlets.
- Designed and deployed RESTful APIs on AWS with 99.9% uptime in Agile sprints.
- Reduced ticket resolution time by 40% through real-time notifications.

⬤ NovaScript – AI-Driven Research Management System　　　　　　　　　　2025
Group Project — React.js, Node.js, MongoDB, Gemini API

- Developed an AI-powered platform automating proposal generation and tracking.
- Integrated Gemini API to streamline document generation and improve efficiency.

⬤ Multi-Vendor E-Commerce Platform　　　　　　　　　　2024
Individual Project — Next.js, Tailwind CSS, Redux Toolkit

- Designed and implemented a multi-vendor marketplace with complete CRUD features.
- Leveraged Next.js SSR for SEO and Redux Toolkit for optimized state management.

E-Satahan — Academic Notes Sharing Platform 2024
Group Project — PHP, MySQL, Bootstrap

– Created a peer-to-peer platform enabling 500+ students to share academic resources.
– Live at: esatahan.infinityfree.me

Restaurant POS System 2023
Individual Project — React.js, Node.js, MongoDB

– Built a full-stack POS system with inventory tracking, order management, and analytics.

Certifications

Google AI Essentials — Google/Coursera (2024) — Certificate
Python Programming — University of Moratuwa (2025) — Certificate
Front-End Web Development — University of Moratuwa (2025) — Certificate
IT Essentials — Cisco Networking Academy (2025) — Certificate
Data Science Foundations — Great Learning (2024) — Certificate
Python for Beginners — University of Moratuwa (2024) — Certificate
Web Design for Beginners — University of Moratuwa (2024) — Certificate

Soft Skills

Communication, Team Collaboration, Problem Solving, Critical Thinking, Adaptability, Time Management, Continuous Learning, Leadership, Innovation, Attention to Detail, Decision Making, Accountability

Achievements

SmartMedix – Brainstorm 2025 (Semi-Finalist) IEEE EMBS, University of Moratuwa
Engineered AI-driven healthcare optimization system — Top 20 national projects

Sensora – SLIoT Challenge 2025 (Semi-Finalist) University of Moratuwa
Developed IoT environmental monitoring system — National semi-finalist

Volunteering & Leadership

Event Host – IEEE Student Branch SUSL (2024–2025): 100+ participant tech events
Knowledge Team – IEEE SB SUSL (2024): Peer-learning and technical content creation
Finance Team – IEEE Day SUSL (2024): Event budgeting and sponsorship tracking
Content Team – STEMUp AI Initiative (2024): Educational AI literacy content
Logistics – GeekZone v1.0 (2024): Technical setup for hackathon

References

Prof. B.T.G.S. Kumara
Professor in Computer Science, Faculty of Computing
Sabaragamuwa University of Sri Lanka
Email: kumara@foc.sab.ac.lk
Phone: +94 71 443 1193

Mrs. Hiruni Senevirathne
Senior Software Engineer, Sysco Labs Company
Email: Hiruni.Senevirathne@sysco.com
Phone: +94 71 205 2959