

Heshan Witharana

Full-Stack Developer & Technical Project Manager

Walasmulla, Southern Province, Sri Lanka

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Professional Summary

Versatile IT undergraduate with expertise in MERN stack development and technical project leadership. Proficient in managing software lifecycles using Agile methodologies and tools like **ClickUp**. Seeking to leverage strong problem-solving and engineering skills to deliver scalable digital solutions in Software Engineering and Project Management roles.

Work Experience

Project Manager

Dec 2025 – Present

Rapidventure Business Solutions | *Full-time*

Malabe, Western Province, Sri Lanka

- Currently leading project lifecycles and technical teams to deliver high-quality business solutions.
- Managing on-site project operations, stakeholder communications, and resource allocation.

Key Projects

University Project Management System

Project Lead — ClickUp, Agile Prototype

- Managed the end-to-end project lifecycle using **ClickUp**, implementing Sprint cycles and Kanban boards.
- Coordinated task distribution and monitored team velocity to ensure 100% on-time delivery.

Smart Paddy Management System

Live —  Code

Lead Developer — React, Node.js, Express.js, MySQL

- Directed development of a multi-user platform; integrated automated digital certificate generation.
- **Awarded 3rd Place in Poster Presentation at ICIET 2025.**

Inventory Management System

Live —  Code

MERN Stack, JWT, Real-time Updates

- Engineered a role-based system with automated stock alerts and visual analytics via Chart.js.

Professional React Calculator

Live —  Code

React, Vite, Canvas API

- Built a feature-rich scientific calculator with particle animation and advanced math logic.

Modern Task Management App

 Code

JavaScript, Local Storage, Drag & Drop

- Developed an interactive task manager with persistent data storage and dark mode functionality.

Technical & Management Skills

- **Languages:** Java, JavaScript, Python, PHP, HTML5, CSS3, Spring Boot.
- **Frameworks/Libraries:** React, Node.js, Express.js, Vite, Tailwind CSS.
- **Management & UI/UX:** Agile (Scrum), ClickUp, Jira, Figma, Adobe XD, SDLC.
- **Databases & Tools:** MySQL, MongoDB, Git, JWT, Docker, REST APIs.

Publications & Achievements

- Witharana, W. A. H., et al. (2025). *Wee Saviya: A Digital Platform for Enhancing Paddy Management in Sri Lanka*. International Conference on Innovations in Engineering & Technology (ICIET 2025) – Poster Presentation.
- 3rd Place – Poster Presentation, ICIET 2025** — International Research Conference.

Education

Institute of Technology, University of Moratuwa
National Diploma in Information Technology

2023 – 2028 (Expected)
Sri Lanka

Certifications

- Artificial Intelligence Fundamentals** — IBM Verify on Credly
- Node.js (Basic)** — HackerRank Certificate Link
- UI/UX with Figma and Adobe XD** — Udemy Verify on Udemy
- Figma for UI/UX Design** — Udemy Verify on Udemy
- Mastering HTML5 and CSS3** — Udemy Verify on Udemy
- CCNA: Introduction to Networks** — Cisco Verify Online
- Python for Beginners** — University of Moratuwa Verify (bGuDMQ448J)
- AWS Cloud Club Core Team Member** — AWS Verify on Credly
- IT Essentials** — Cisco Academy Verify on Credly

Leadership & Activities

- Director of Professional Development**, ZeroPlastic NDT — Led workshops for 20+ members.
- Event Coordinator**, AWS Cloud Club ITUM — Managed events for 200+ participants.
- Mentee**, IEEE Young Protégé Program 2025 — Specialized in Project Management.

References

- Mrs. A.U.P. Athukorala** — Head, Division of IT, ITUM — uthpalap@itum.mrt.ac.lk
- Mr. Prabhath Jayathilaka** — Solution Architect, IT Pathfinders — info@itpathfinders.com