

# Heshan Witharana

## Full-Stack Developer & Technical Project Manager

Walasmulla, Southern Province, Sri Lanka

✉ vitharana8000@gmail.com — ☎ (+94) 740 649 658

🐙 github.com/heshan123vitharana — 🌐 linkedin.com/in/heshan-witharana

### Professional Summary

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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

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**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

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**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

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- **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

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- 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

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<b>Institute of Technology, University of Moratuwa</b> <i>National Diploma in Information Technology</i>	2023 – 2028 (Expected) Sri Lanka
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## Certifications

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

## Leadership & Activities

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- **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

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- **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