

RNR Solutions (Pvt) Ltd

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Email: hr@rnrobots.comWeb: www.rnrobots.com**WORK EXPERIENCE CERTIFICATE****Date:** 02.01.2026**TO WHOM IT MAY CONCERN**

This is to certify that **Mr. T. Thisum Madappuli** successfully completed his **six (6) month internship as an Intern Software Engineer at RnR Solutions** from **01st July 2025 to 01st January 2026**.

During his internship tenure, Mr. Madappuli was engaged in a wide range of software engineering activities covering frontend development, backend services, system integration, IoT messaging, and computer vision-based solutions. He worked closely with senior engineers, product teams, and stakeholders, contributing effectively to both internal platforms and enterprise-level client solutions.

Summary of Responsibilities and Contributions

- Re-created and enhanced the **company's official website**, improving information structure, navigation flow, responsiveness, and overall usability in line with modern web standards.
- Developed the **frontend for the GreenBless e-commerce platform**, implementing responsive layouts, interactive UI components, and user-friendly workflows.
- Built a **data filtering module** by integrating pre-developed APIs for an **Australian partner enterprise**, supporting efficient data processing and presentation.
- Designed and implemented a **Privilege Management Module** within the GreenBless system to control user access levels, role-based permissions, and administrative functions.
- Developed the **backend services for the Smart Office Face Recognition application**, supporting secure identity verification and access control workflows.
- Updated and enhanced the **backend of the TalkShow application and website**, improving system performance, reliability, and maintainability.
- Developed a **Camera Detection Module** capable of capturing live feeds and detecting objects for monitoring and analysis use cases.
- Implemented an **IoT Sensor Integration Module using RabbitMQ**, enabling reliable message-based transmission of sensor data to frontend dashboards for real-time visualization.

Professional Performance and Conduct

Throughout his internship, Mr. Madappuli demonstrated strong technical competence, analytical thinking, and a proactive approach to learning. He showed the ability to independently manage assigned tasks while adhering to development standards, timelines, and quality expectations. His adaptability, problem-solving skills, and collaborative mindset contributed positively to team productivity and successful project delivery.

Mr. Madappuli consistently displayed professionalism, responsibility, and dedication in his work. He proved to be a dependable contributor and a valuable member of the engineering team.

We confidently recognize **Mr. T. Thisum Madappuli** as a capable and motivated software engineering professional and believe he will be a strong asset in his future academic and professional endeavors.

We wish him every success in all his future pursuits.

Kalana Vidanapathirana

HR Manager

RnR Solutions