



# THINURA KAHADUWA

## SOFTWARE ENGINEER INTERN

No.44/5, Sadujana Road, Aththiligoda, Galle. | [thinurakahaduwa@gmail.com](mailto:thinurakahaduwa@gmail.com) | +94 766568189  
GitHub - [github.com/Thinura66](https://github.com/Thinura66) | LinkedIn - [linkedin.com/in/thinura-kahaduwa](https://linkedin.com/in/thinura-kahaduwa)

### PROFILE

Motivated and ambitious IT undergraduate at the University of Moratuwa, with a strong passion for software engineering and a keen interest in building impactful, scalable solutions. Eager to apply technical skills in real-world environments, collaborate across teams, and contribute to innovative projects that solve real user problems. Known for fast learning, adaptability, and a commitment to continuous improvement in both backend and frontend development.

### TECHNICAL SKILLS

- Programming Languages - JavaScript, SQL, C, Java, PHP, Python
- Database - MySQL, Spring Data JPA, Firebase
- Frameworks and libraries - React, TypeScript, Springboot, Chackra UI
- Backend - REST APIs
- Tools and Platforms - Git, GitHub Postman : Agile Methodologies

### PROFESSIONAL EXPERIENCE

- Works as a freelancer in Fiverr since 2022

### PROJECTS

#### Software Project (2024- 2025) PointEdge - Cross Platform POS System

- Led the development of the Shift Management module, enabling employee time tracking and performance analysis.
- Implemented clock-in/clock-out features for recording employee work hours and generating detailed shift records.
- Developed backend logic to calculate total and overtime hours for each shift, enhancing payroll insights.
- Created real-time attendance monitoring and admin-facing dashboards for shift visualization and management.
- Designed and generated graphical summaries of employee shifts, including top performer highlights based on punctuality and total hours worked.
- Designed intuitive UI components for shift data views using Figma, integrated into the React front-end.
- Applied Agile Scrum methodology throughout the development lifecycle, including user story creation and sprint-based progress tracking.
- Gained hands-on experience with React, Spring Boot, MySQL, Figma, TypeScript, and REST API integration.

## Hardware Project (2023 - 2024)

### Self-Training Running Track System

- Programmed and integrated ESP32-CAM module to capture motion triggered image sequences for athlete performance playback.
- Designed and implemented LDR-based sensor triggers for automated image capture at race start and finish points.
- Enabled real-time image and data synchronization with Firebase, ensuring secure remote access for analysis.
- Developed a user-friendly web interface for viewing performance metrics and visual playback.
- Established wireless communication between ESP32 modules to support reliable timing and event capture.
- Gained practical experience in embedded systems, IoT communication, computer vision, and real-time data integration in sports technology.

## EDUCATION

### UNIVERSITY OF MORATUWA 2023 - present

Undergraduate  
Bsc.(Hons) in Information Technology

### RICHMOND COLLEGE, GALLE. 2007 - 2021

- G.C.E Advanced Levels Examination - Physical Science Stream - 2021  
Combined Mathematics - A , Chemistry - A , Physics - B
- G.C.E Ordinary Levels Examination - English Medium - 2017  
9A passes

## EXTRA-CURRICULAR ACTIVITIES & VOLUNTEERING

- Member of ,  
Schools Cricket team  
Athletics team
- Member of the leo club

## SOFT SKILLS

- Leadership skills
- Team work
- Accountability
- Adaptability
- Communication Skills
- Time Management
- Languages : Sinhala  
English

## ACHEIVEMENTS & PARTICIPATIONS

- Microsoft Certified : Azure Fundamentals (AZ-900) - Completed
- Microsoft Certified : Azure Data Fundamentals (DP-900) - Completed
- CodeX Hackerrank Competition(2025) - Participants - Organized by CSE - University of Moratuwa
- FIT CodeRush (2025) - Participants - Organized by INTECS - University of Moratuwa

## REFEREES