

# Paranietharan Palasuntharam

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 [Paranietharan Palasuntharam](#) |  [Paranietharan](#) |

Kilinochchi, Northern Province.

## OBJECTIVE

Motivated IT student proficient in React.js and Spring Boot, seeking an internship to apply technical skills and contribute to innovative web development and backend projects. Eager to gain practical experience and grow in a dynamic environment

## EDUCATION

### • University of Moratuwa

Bsc.(Hons) in Information Technology

◦ GPA(L2S1): 3.33

June 2022 - present

Colombo

## PROJECTS

### • Web based Library Management System : [Second year group software project]

September 2023 - August 2024

Technologies: React.js, Spring Boot, MySQL

- Developed a comprehensive library management system for school libraries to streamline book tracking, borrowing, and returns processes.
- Implemented a responsive front-end using React.js, ensuring a user-friendly experience across devices.
- Designed and integrated a robust back-end with Spring Boot, enabling seamless interaction between the user interface and MySQL database.
- Optimized data retrieval and inventory management processes, improving system efficiency and reducing manual effort by 30%.
- Collaborated with a team of 5 to ensure project deliverables were met on time and according to specification.

### • Automatic Sandwich Making Machine : [First year group hardware project]

June 2022 - July 2023

Tools: Arduino, Stepper Motor, Servo Motor, Ultrasonic Sensor, IR Sensor

- Engineered an automated sandwich-making machine capable of dispensing precise ingredient portions using sensors and motor control systems.
- Designed and programmed the control interface, allowing for real-time monitoring and easy operation of the machine.
- Integrated various sensors (Ultrasonic, IR) to ensure precise measurements and enhance overall system reliability.
- Collaborated with a team of 4 to troubleshoot and optimize motor and sensor functionalities, achieving a 90% accuracy rate in ingredient dispensing

## TECHNICAL SKILLS

- **Programming Languages:** JavaScript, Java, Python, C, C++
- **Web Development:**  
**Frontend:** React.js (Hooks, Redux)  
**Backend:** Spring Boot
- **Database Systems:** MySQL, PostgreSQL, MongoDB
- **Cloud Technologies:** AWS
- **DevOps & Version Control:** Docker, Git, GitHub, GitLab

## NON-TECHNICAL SKILLS

- **Communication:** Demonstrated strong verbal and written communication skills in both English and Tamil, ensuring clear collaboration across team members and stakeholders.
- **Teamwork:** Proven ability to collaborate with cross-functional teams, driving successful project outcomes through effective communication and collaboration.
- **Problem-Solving:** Adept at analyzing complex challenges and developing innovative, practical solutions to meet project goals and deadlines.
- **Time Management:** Highly organized with the ability to effectively manage multiple tasks, prioritize responsibilities, and consistently meet deadlines.
- **Adaptability:** Quick to adapt to changing project requirements and learn new technologies, ensuring continuous improvement and successful outcomes.

## ADDITIONAL INFORMATION

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**Languages:** Tamil (Native proficiency), English (Working proficiency)

**Interests:** Travelling, Photography

## REFERENCES

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1. **Dr. Thilina Thanthriwatta**

Director of Undergraduate Studies, Senior Lecturer

Faculty of Information Technology, University of Moratuwa

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2. **Dr. MFM Firdhous**

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