

# 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** June 2022 - present  
*Bsc.(Hons) in Information Technology* Colombo
- Kn/Kilinochchi Maha Vidyalayam** May 2018 - Nov 2020  
*Advance level* Kilinochchi
- Kn/Thiruvaiaru Maha Vidyalayam** Jan 2006 - Dec 2017  
*Ordinary Level* Kilinochchi

## 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
  - 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
- EAD Microservice Backend Project (Ongoing)**  
*Technologies: Spring Boot, MongoDB, PostgreSQL, Docker*
  - Designing a microservice architecture to handle backend processes for EAD applications, optimizing for scalability and performance.
  - Utilizing MongoDB and PostgreSQL to implement an efficient data storage solution for diverse data requirements.
  - Incorporating Docker for containerized development, ensuring consistency across different development environments.
- Trade Connect - Full Stack E-commerce Application (Ongoing)**  
*Technologies: Spring Boot, MySQL, React.js, Docker*
  - Developing a full-stack e-commerce platform with secure user authentication, product catalog, and transaction management.
  - Leveraging React.js to create responsive and user-friendly front-end interfaces.
  - Implementing Docker for streamlined deployment and environment management.

## TECHNICAL SKILLS

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- **Programming Languages:** JavaScript, Java, Python, C, C++  
**Proficient:** JavaScript, Java  
**Familiar:** Python, C, C++
- **Web Development:**  
**Frontend:** React.js (Hooks, Redux), Tailwind CSS, HTML5, CSS3  
**Backend:** Spring Boot (REST APIs, Microservices)
- **Database Systems:** MySQL, PostgreSQL, MongoDB
- **Cloud Technologies:** AWS
- **DevOps & Version Control:** Docker, Git, GitHub, GitLab

## NON-TECHNICAL SKILLS

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- **Communication:** Demonstrated ability to convey ideas clearly in both written and verbal forms, facilitating effective collaboration with diverse teams.
- **Teamwork:** Collaborative approach to working with diverse teams to achieve common goals.
- **Problem-Solving:** Ability to analyze complex problems and develop innovative solutions.
- **Time Management:** Skilled at managing multiple responsibilities, prioritizing tasks, and meeting deadlines consistently.
- **Adaptability:** Quick learner with the ability to thrive in fast-paced and changing environments
- **Organization:** Strong organizational skills with the ability to prioritize tasks and meet deadlines

## 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**  
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Faculty of Information Technology, University of Moratuwa  
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