THARUSHA RAYAN
SOFTWARE ENGINEERING INTERNSHIP

✉ Tharusharayandilhara21@gmail.com

⊙ Tharusha-Rayan

in Tharusha-rayan

☎ +94 74 034 5778

🌐 Tharusha Rayan

📍 Jayabima, Chilaw

TECHNICAL SKILLS

Programming

- C
- Java
- Python
- PHP
- C#

Frontend

- React JS
- Angular
- HTML
- Tailwind CSS
- SCSS

Backend

- Node
- ExpressJS
- ASP.NET

UI/UX Design

- Figma

Database

- MSSQL
- Postgresql
- MongoDB
- Firebase

ABOUT ME

An undergraduate with a strong interest in software engineering and modern web technologies. I have a solid foundation in programming and hands-on experience building web applications. I am seeking a software engineering internship to apply my skills, gain industry experience, and contribute to real-world projects.

EDUCATION

Bachelor of Science Honors in Information Technology

- University of Moratuwa, Sri Lanka │ 2023 – Present │ CGPA: 3.47

Advanced Level Examination

- St. Mary's College Chilaw │ 2021
  - Combined Mathematics, Physics, ICT │ Z - score : 1.48

PROJECTS

Tea Factory Supply Chain Management System (Group)

- Developed an enterprise web and mobile application to automate traditional tea factory operations, digitizing the complete workflow from green leaf collection at farms through processing to final product delivery, replacing manual paper-based systems

- Implemented core modules including green leaf collection tracking, supplier/farmer management, automated payment processing, inventory management, role-based access control, and comprehensive reporting dashboards

- **My Contribution** : Transportation Management with Google Maps route tracking and cost analytics, and Performance Monitoring with real-time dashboards and operational insights.

- **Technologies:** Angular,ASP.NETCore,MSSQL,GoogleMapsAPI,Flutter

- **Github Link :** https://github.com/TharinduMahesh/TFSMS_NextGenNerds.git

ShopMart - E-commerce Application (Individual)

- Developed a full-stack e-commerce platform connecting buyers and sellers for seamless product transactions, digitizing the complete marketplace workflow from product browsing through checkout to order delivery and returns, replacing manual transaction handling

- Implemented core modules including user authentication & role-based access control, product catalog with filtering & search, shopping cart & secure checkout, order management with tracking, seller inventory dashboard, buyer order history, product reviews & ratings, wishlist management, refund/return processing, real-time notifications & messaging, and coupon/discount system.

- **Technologies:** Node.js, Express.js, MongoDB, React.js,

- **Github Link:** https://github.com/Tharusha-Rayan/ShopMart.git

Version Controlling

- Git

Operating Systems

- Ubuntu

OTHER SKILLS

Music

- Bass Guitar
- Lead Guitar
- Rythem

Sports

- Football
- Cricket
- Chess

Soft Skills

- Leadership
- Problem solving
- Critical Thinking
- Team work

REFERENCE

Ms. Roshani Wijesuriya
Department of IT
Faculty of IT
University of Moratuwa
wijesuriyar@uom.com
+94 719882759

Ravin Fernando
Software Engineer
IFS
ravindulanjana@gmail.com
+94 713227789

PROJECTS (Cont'd)

EduLearn - E-Learning Platform (Individual)

- Developed an e-learning management web application to digitize course delivery, enrollment, and progress tracking, replacing fragmented manual processes.

- Implemented core modules for authentication, course and category management, assignments, quizzes, discussions, certificates, enrollments, and admin dashboards.

- **Technologies:** Angular ,ASP.NET Core, MSSQL,

- **Github Link:** https://github.com/Tharusha-Rayan/E-Learning-System.git

Autocare 360 - Automobile Service Management (Group)

- Built a vehicle service management system to solve manual booking, customer queries, and service tracking delays.

- **My contribution:** implemented full **chatbot** support and notification features for users and staff.

- **Technologies:** React (Vite), Java Spring Boot, Postgre SQL

- **Github Link:** https://github.com/Chamithjay/auto_service_frontend.git

CO-CURRICULAR & EXTRACURRICULAR ACTIVITIES

Robotic/IOT Session Mentor
- IES Labs Faculty of Information Technology | University of Moratuwa
  - Mentoring School students in robotics and IoT projects, providing guidance on embedded systems. Conducting training sessions on Arduino programming, circuit design, and sensor integratio

Assistant Treasurer
- Catholic Student Movement |University of Moratuwa

Director of Facilitate
- Classical Music Society | University of Moratuwa
  - Played major events: Yathra, Binara Pedura, Yaye Pedura, and Coffee With Dean. Performed as bass and rhythm guitarist in university concerts

Unit Representative
- Sri Lanka University Catholic Student Movement (All Universities)
  - Representing student interests and coordinating activities across all universities in Sri Lanka

Organizing Committe
- Organized FIT Future Career, Prathihari, Rotaract Career Fair, and CSM Main Charity events.Coordinated logistics, participant management, and event execution for university programs