RASHMI JAYAWARDHANA

IT Undergraduate
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ABOUT ME

Motivated and adaptable learner with a strong work ethic, dedicated to delivering results and seizing opportunities. Committed to continuous skill enhancement and seeking an internship in **Software Engineering** to apply knowledge and contribute to innovative projects.

PROJECTS

■ **Project Management System for Large Scale Construction Companies (Group - 2024)**
(Level 2 Software Development Project)
https://github.com/Jayaweera123/Ascendia-.git
- Mentor: London Stock Exchange Group
- Contribution: Full Stack Development
- **Technologies used:**
  - **Web Application - ReactJS, Tailwind CSS, Spring Boot, Figma, Azure database for MySQL, Real-time notifications via Socket.io, Email via SMTP**
  - **Mobile Application - Flutter, Spring Boot, Azure database for MySQL**
- Description: This project developed a cohesive construction project management system that combined processes and resources to improve efficiency and transparency across the project.
- **I was responsible for developing Administrator activities, Client activities, and authenticating the system.**

■ **Kiyawana.lk - Online Book Ordering System (Group - 2024)**
(Level 3 Enterprise Application Development Project)
https://github.com/TechMancers
- Contribution: Frontend Development
- **Technologies used: AngularJS, TypeScript, Node.js, Amazon RDS for MySQL**
- Description: A web-based platform for browsing and ordering books online.
- **I am responsible for managing books.**

EDUCATION

University of Moratuwa
2022 - Present
B.Sc. (Hons) in Information Technology

PANADURA BALIKA MAHA VIDYALAYA
GCE Advanced Level 2020 in Physical Science Stream
- Z-Score - 1.84
- Combined Mathematics - A
- Chemistry - A
- Physics - B

PANADURA BALIKA MAHA VIDYALAYA
GCE Ordinary Level 2017 9 A Passes

SKILLS

TECHNICAL SKILLS

- **Frontend**
  - React
  - Angular
  - React Native
  - Flutter
  - Tailwind CSS
  - TypeScript
  - JavaScript
  - HTML
  - CSS
- **Backend**
  - Spring Boot
  - Node.js
- **Programming Language**
  - Java
  - C
  - C++

OnTheWay - Mobile Transportation Application (Individual - 2024)

(Level 3 Mobile Applications Development Project)

https://github.com/rashmiJayawardhana/OnTheWay.git

- Contribution: Full Stack Development
- **Technologies Used: React Native, Expo, PostgreSQL, Zustand, Clerk, Tailwind CSS**
- Description: A full-stack React Native application for real-time flight tracking with secure authentication (Clerk, Google OAuth), AviationStack API integration, and PostgreSQL (Neon serverless). Implemented advanced search, responsive UI (Tailwind CSS), and optimized state management (Zustand) for a seamless Android and iOS experience.

Tic-Tac-Toe Game (Individual - 2024)

https://tic-tac-toe-game-angular.vercel.app

- Contribution: Frontend Developer
- **Technologies used: Angular, TypeScript, HTML & CSS, Vercel**
- Description: Developed a responsive Tic-Tac-Toe game using Angular, featuring interactive gameplay and a clean, user-friendly interface. Deployed on Vercel for enhanced performance and accessibility.

Skill Performance Spin Bowler's Ball (Group - 2023)

(Level 1 Microcontroller Based Application Development Project)

- Contribution: Implementation of MPU9250 Sensor Module and XIAO ESP32-C3 mini development board connect to Firebase.
- **Technologies used: XIAO ESP32-C3 mini development board and MPU9250 sensor module.**
- Description: Created an improved ball to a spinner for practicing.

VOLUNTEERING EXPERIENCE

Coordinator of Ganitha Saviya in Kalutara District

Sasnaka Sansada

2021 - 2022

Volunteer Mathematics Teacher for government schools, contributing to the enhancement of STEM education in Sri Lanka by teaching mathematics to students

2021 - 2023

CERTIFICATIONS & ACHIEVEMENTS

CodeRush 2023

Organized by INTECS, Faculty of Information Technology, University Of Moratuwa

Participation

- **Databases**
  - PostgreSQL
  - MySQL
  - MSSQL
- **Cloud / Hosting**
  - Azure
- **Version Control**
  - GIT
- **Graphic Designing**
  - GIMP
  - Canva

IDES

- Visual Studio Code
- Android Studio
- IntelliJ IDEA
- WebStorm
- CLion IDE

SOFT SKILLS

- Leadership
- Teamwork and Collaboration
- Time Management
- Problem Solving

INTERESTS

- Volunteering
- Reading

LANGUAGES

- English
- Sinhala

REFERENCES

Dr. Chaman Wijesiriwardana
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