

RASHMIKA KAVISHAN

INTERN SOFTWARE ENGINEER

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[portfolio](#)
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PROFILE

As a dedicated UI/UX designer, frontend developer, and software engineering student, I am eager to apply my skills in user-centered design, modern web technologies, and software development. I enjoy turning complex ideas into intuitive, responsive, and visually compelling digital experiences. With a strong foundation in both design principles and technical implementation, I am confident in my ability to collaborate effectively and contribute to building innovative, high-quality products that solve real user problems.

PROJECTS

Green Shadow Crop Monitoring System

Nov 2024 - Dec 2024

- Engineered a secure, role-based web application using **Java 17, Spring Boot, and MySQL** to streamline agricultural operations including crop, field, and staff management.
- Implemented **JWT** authentication, token blacklisting, and CORS policies to enforce robust security and controlled access for roles such as Manager, Scientist, and Admin.
- Developed backend modules for equipment allocation, activity logging, and field monitoring with efficient data handling via Spring Data JPA.
- Optimized system architecture for scalability and maintainability using Maven, Lombok, and modular design principles.

GitHub Link : <https://github.com/rashmikaz/green-shadow-project>

Student Management System

Feb 2025 - Mar 2025

- Developed a full-stack web application for managing student records using **Node.js** with **Express, MySQL, and JWT**-based authentication.
- Built a responsive and dynamic frontend with React, Redux for state management, Axios for API communication, and Tailwind CSS for styling.
- Implemented secure login, role-based access, and CRUD operations for students, courses, and staff.
- Focused on performance optimization, seamless user experience, and clean RESTful API architecture.

GitHub Link : <https://github.com/rashmikaz/student-management-react>

ZenUI

Mar 2025 - Mar 2025

- Designed and developed a fully responsive and user-centric interface using **React.js** and **Tailwind CSS**, ensuring accessibility across all devices.
- Implemented dynamic animations and smooth transitions with Framer Motion to enhance interactivity and user engagement.
- Focused on usability and intuitive navigation to deliver a seamless digital experience for users.
- Optimized performance and UI responsiveness to maintain high standards of modern web design.

GitHub Link : <https://github.com/rashmikaz/ZenUI>

Plantsy

Apr 2025 - May 2025

- Designed and developed a fully responsive and visually appealing website using **React.js**, **Tailwind CSS**, and **custom CSS** to showcase plant products across all devices.
- Created reusable UI components and implemented smooth user interactions to enhance usability and engagement.
- Focused on clean layout, accessibility, and intuitive navigation to ensure a user-friendly browsing experience.
- Optimized styling and performance to reflect modern web design principles and best frontend practices.

GitHub Link : <https://github.com/rashmikaz/Plantsy>

Currency Converter Web App

Mar 2025 - Mar 2025

- Built a full-stack currency conversion application using **React.js**, **Node.js**, and **Express.js**, integrating the Open Exchange Rates API for real-time and historical exchange data.
- Implemented a responsive UI with **Tailwind CSS**, enabling users to convert between multiple currencies and select specific dates for historical rates.
- Ensured smooth frontend-backend communication using **Axios** and designed RESTful endpoints for reliable data handling.
- Focused on accuracy, usability, and performance to deliver a seamless currency conversion experience across devices.

GitHub Link : <https://github.com/rashmikaz/currency-web>

CORE SKILLS

Programming Languages : Java, Python, JavaScript, TypeScript

Web Technologies : HTML, CSS

Frameworks and Libraries : React, NodeJs, ExpressJs, Springboot, Hibernate,TailwindCSS, Redux, Bootstrap, React Native

Databases : MySQL, MongoDB

API and Web Testing : Postman

EDUCATION

Cardiff Metropolitan University
Bsc (Hons) in Software Engineering
(Reading)

IJSE-Institute Of Software Engineering
Graduate Diploma In Software Engineering
(present)

Imbs - Imbs Green campus
Diploma in Information of Technologies &
business management

Institute OF Chartered Accountants OF Sri Lanka
Chartered Accountancy (CA)

REFERENCE

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