

# RASHMIKA KAVISHAN

INTERN SOFTWARE ENGINEER

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## PROFILE

As a passionate UI/UX designer and software engineering student, I am seeking an opportunity to apply my technical skills in coding, software troubleshooting, and user-centered design. I enjoy transforming complex problems into simple, intuitive, and visually engaging solutions. Confident in my ability to contribute meaningfully to a team's success, my goal is to help deliver reliable, high-quality software and design solutions that support innovation and meet user needs.

## PROJECTS

### Green Shadow Crop Monitoring System

- 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

- 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

- 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

- 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

- 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>

## C O R E   S K I L L S

**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

## E D U C A T I O N

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

**IJSE-Institute Of Software Engineering**  
Graduate Diploma In Software Engineering

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

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

## R E F E R E N C E

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