

Kavishka Sandeepa

INTERN SOFTWARE ENGINEER

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Linkedin | Portfolio | Github



Career Objective

Web development is a field that demands a mix of technical expertise, creativity, and strong organizational skills. As a motivated student aiming for a career in web development, I bring a blend of dedication, adaptability, and a true passion for the craft. Along with my technical abilities, I excel in organization and time management. I understand how crucial it is to keep projects on track and to communicate clearly with team members, ensuring everyone is aligned and working towards shared goals.

Experience

Trainee Front-End Developer (Next JS) | Redcode (PVT) LTD

FEB 2024-PRESENT

- Built an e-commerce web application with multi-vendor support, leveraging Next.js for the front end and NestJS for the back end to ensure scalability and seamless functionality.
- Utilized modern front-end tools and frameworks such as React, Tailwind CSS, Next.js with TypeScript, and Redux Toolkit for state management to build dynamic and interactive web applications.
- JWT management, react query library query caching and other best practices for optimizing code and secure user data.
- Wrote clean, clear and well-tested code for various projects.
- Ensured a consistent user experience by optimizing web speed and cross-browser compatibility.
- Delivered project tasks on time using agile development methodologies and organized workflows in Notion for efficient project tracking and collaboration.

PROJECTS

Ecommerce Website | React, Spring Boot

- Implemented secure authentication and authorization protocols using Spring Security, JWT, and MySQL, including an OTP-based password reset feature for enhanced account recovery. Used Redux for efficient state management, optimizing with hooks like useMemo and useCallback to improve application performance. Styled the application with Tailwind CSS and integrated libraries such as Axios and React Router DOM for smooth data handling and navigation. Established robust testing frameworks to ensure high-quality code and utilized JPA for streamlined database interactions and efficient data access.

[Github link Frontend](#) | [Github link Backend](#)

User Submission Form | MERN Stack

- Developed a full-stack user submission form using the MERN stack (MongoDB, Express, React, and Node.js). Leveraged React hooks (useState, useEffect, useCallback) and React Router DOM for efficient state management and routing. Built RESTful APIs with Express for handling form submissions, with MongoDB Atlas as the database. Deployed the application on AWS EC2, ensuring scalability and high availability for both the front-end and back-end.

[Deployment Link](#)

[Github link Frontend](#) | [Github link Backend](#)

E & E Service Center | JavaFx

- The E & E Service Center project is a standalone application designed for Electrical and Electronic Service Centers, built using JavaFX, SceneBuilder, Hibernate, and JasperReports for detailed report generation. The application follows a layered architecture to enhance functionality and streamline operations. Key features include an automated order confirmation and billing system, where customers receive order confirmations and billing details via email. Additionally, the application emphasizes a creative and user-friendly interface, enhancing the customer experience and simplifying interactions within the platform.

[Github link](#)

Skills & abilities

Frontend Technology	Backend Technology	Database	Others
React	Spring Boot	MySQL	Notion for project tracking
Tailwind CSS	Express.js	MongoDB	Agile methodologies
Next.js with TypeScript	ASP.NET	JPA(Java Persistence API)	Electron.js
Redux Toolkit			AWS
Angular js			Figma

Education

BIT University of Colombo | UG

2023-2026

ICET - Institute of Computer Engineering Technology

Diploma in Software Engineering

2023-2024

Institute of Technology University of Moratuwa

Civil Engineering (HNDE)

2019-2022

REFERENCES

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