Vihanga Fernando
Intern Software Engineer

Contact

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GitHub
https://github.com/vinuxf

Education

Bachelor of Information Technology
University of Colombo   2023(present)

Foundation in Information Technology
University of Colombo   2023

Diploma in IT
University of Colombo   2024

G.C.E. Ordinary Level Examination
Defence Services College Colombo   2020

Knowledge Areas

- Java
- HTML
- CSS
- JavaScript
- Next.js
- SQL
- Mongo DB
- Express.JS
- React.JS
- Node.js
- TypeScript
- Python

Tools

- NetBeans IDE
- IntelliJ
- Xampp
- Postman
- VS Code
- Eclipse IDE

I am an experienced developer with a strong foundation in programming and problem-solving. Currently pursuing a Bachelor of Information Technology at the University of Colombo, I have a passion for learning and quickly adapting to new technologies. My internship as a software engineer has provided me with exceptional hands-on experience, deepening my technical expertise and allowing me to develop innovative solutions. With a keen eye for challenges and a commitment to continuous growth, I am eager to contribute my skills and knowledge to the ever-evolving world of technology.

Experience

Intern Software Engineer
Technologies - MySQL , Express.js , React.js , Node.js, Next.js
- Optimize Solutions

Projects

E-Commerce Website (grocerysdirect.com)
Technologies - React.js, Node.js , MySQL , Express.js, RESTful APIs

I designed and developed a full-featured e-commerce website for a company During my internship. utilizing REST APIs extensively for seamless data management and integration. The platform included secure user authentication, an intuitive shopping interface, and an admin panel for efficient inventory, order, and user management. Key features such as product browsing, a dynamic shopping cart, and a smooth checkout process ensured an optimized user experience.

Visa Consulting Agency Website
Technologies - Next.js, TypeScript, Node.js, MySQL , RESTful APIs

During my internship, I developed a dynamic visa consulting service website using Next.js, integrating REST APIs for seamless functionality. The platform allows users to submit inquiries, book exams, and create personalized plans effortlessly. Designed with smooth animations for a modern look, it also leverages server-side rendering to ensure optimal performance and user experience.

Restaurant Management System (Seaburry.com)
Technologies - React.js, Node.js , MySQL , Express.js, Tailwind css

I developed a restaurant management website with robust user and admin authentication, implementing logical role-based access where admins have full control. Using REST APIs extensively, the platform enables event catering bookings, food ordering, and efficient operation management, ensuring flexibility and a seamless user experience.

Student Management System
Technologies - Java , Java Swing , MySQL , XAMPP

A Java-based application for managing student records, featuring user authentication, CRUD operations, and a Java Swing GUI. Utilizes MySQL for data storage and XAMPP for local hosting. Easily scalable and cross-platform compatible.

Deshamanya Dr. Viraj Pinto
Senior Lecturer - Matrix IIT

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