YASINTHA CHAMIKARA

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🐙 Yasintha8   in Yasintha Chamikara   💾 My Portfolio

Software Engineering Undergraduate pursuing a BSc (Hons) in Software Engineering . Seeking an IT-related internship to gain hands-on experience and build a strong foundation for a successful career as an IT professional.

EDUCATION

BSc (Hons) in Software Engineering(2022 - Present)
NSBM Green University

1st year (2022-2023)

Introduction to Computer Science	B+
Programming in C	A-
Mathematics for Computing	A-
Database Management Systems	A-
Web Application Development	B-
Computer Architecture	A
Algorithms and Data Structures	B+
Object Oriented Programming with Java	A-
Data Communications and Networks	C+

2nd year (2023-2024)

Computer Networks	A-
Systems Analysis and Design	B
Development of Enterprise Applications I	A
Operating Systems	B+
Statistics for Computing	B
Algorithms and Complexity	A-
Business Processes and ERP	A-
Introduction to Software Engineering	B
Software Architecture	B+
Human Computer Interaction	B+

GCE A/L - 2019 (Physical Science Stream)

GCE 0/L - 2016   **Current GPA - 3.37**

PROJECTS

Full Stack E-Commerce Shop Web Application (MERN Stack) | (Individual)

Technologies : **MongoDB, Express.js, React.js, Node.js**   **Backend   Frontend**

Developed a fully functional e-commerce web application for a wall art selling shop using the MERN stack. The platform allows users to browse products, add items to a shopping cart, register/login with authentication, and place orders. Implemented responsive design, secure RESTful APIs, and integrated MongoDB for dynamic product and user data management. Admin dashboard included for product management and order tracking.

Cleaning Management System | (Individual)

Technologies : **MongoDB | Express | React.js | Node.js (MERN Stack)**   **Backend   Frontend**

Developed a full-stack web application that allows users to book and manage cleaning services through a user-friendly interface. The frontend is built with React.js and styled using modern UI libraries for an engaging experience. The backend, developed with Node.js and Express.js, handles service management, user bookings, and admin operations. Integrated with MongoDB for robust data storage and implemented secure user authentication to ensure data privacy and system integrity.

Crypto Investment Site | (Individual)

Technologies : **React.js | Tailwind CSS**   **GitHub Repositary**

Developed a responsive and visually engaging frontend for a crypto investment platform using React.js, Tailwind CSS, and Framer Motion. The site showcases various investment packages with smooth animations and transitions to enhance user experience. Built with Vite for fast performance and optimized for both desktop and mobile devices, the platform delivers a clean, modern UI that clearly presents financial information to users.

Railway Website Redesign | (Group)

Tools : **Figma | PhotoShop | Canva**   **Show Prototype**

Redesigned the official railway ticket booking website to improve user experience, visual appeal, and mobile responsiveness. The project involved analyzing existing usability issues, creating modern UI/UX designs using tools like Figma, and developing a responsive frontend interface. Key enhancements included an intuitive seat selection system, streamlined booking flow, and accessible design for better user engagement.

Netflix Clone | (Individual)

Technologies : **React.js | Firebase**   **GitHub Repositary**

A fully functional Netflix clone built using React, **Firebase for authentication**, and the **TMDB API** for fetching movie data. This project demonstrates the implementation of modern front-end development techniques and integration with third-party services to create a seamless movie streaming experience.

SKILLS

- **Languages -** Java, C, Python, C#, Dart, PHP
- **Full-Stack Web Development -** HTML, CSS, JavaScript, React, bootstrap, Tailwind CSS (MongoDB, Express.js, React, Node.js)
- **Database -** MongoDB, MySql,Firebase
- **UI Design -** Figma
- **Tools -** Visual Studio Code, Andriod Studio, Github, Photoshop

INTERESTS

Web Development
Software Development
Full Stack Developments
Mobile Application Development
UI Designing and Development

EXTRA-CURRICULAR ACTIVITIES

Member of IEEE student branch of NSBM
Member of CSSL Designing Team

REFERENCES

Ms. Pavithra Subhashini - Senior Lecturer

NSBM Green University, Homagama.

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Mr. Diluka Wijesinghe - Lecturer

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I certify that the above mentioned particulars are true and accurate to the best of my knowledge