Sahan Chanuka

Software Engineering Undergraduate

Motivated and detail-oriented Software Engineering undergraduate with hands-on experience in full-stack development and a keen interest in AI engineering. Proficient in building dynamic web applications using the MERN stack, as well as developing scalable solutions with HTML, CSS, JavaScript, PHP, Java and Spring Boot. Strong foundation in object-oriented programming, problem-solving, and collaborative project development. Eager to contribute to innovative software and AI solutions through an internship opportunity that fosters continuous learning and professional growth.

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EDUCATION

GCE Advanced Level
Sir john kothalawala college

2021

Courses
- Combined Maths - S
- Physics - S
- ICT - C

BSc (Hons) in Information Technology Specialising in Information Technology
SLIIT

10/2022 - Present

WORK EXPERIENCE

UI/UX Engineer - Intern
CeylonX

11/2024 - 05/2025

Achievements/Tasks
- Completed a six-month UI/UX Engineer internship at Ceylone X (Nov 2024 – May 2025), working on projects for clients in Australia and England. Designed user-friendly web interfaces by creating wireframes, prototypes, and user flows using Figma. Conducted user research and collaborated closely with developers to ensure responsive, accessible, and visually appealing designs. Gained practical experience in usability testing and enhancing overall user experience across multiple projects.

Contact : Thisal Wijesinghe (Chief Operating Officer) - 071 - 649 4151

Freelance UI/UX Designer
Fiverr

2024 - Present

Achievements/Tasks
- Designed user-friendly interfaces using Figma on client requirements.
- Conducted client consultations to gather requirements and improve usability.
- Maintained consistent 5-star ratings through timely delivery and quality work.

SKILLS

HTML5   CSS3   JavaScript   Tailwind CSS
React   Java (OOP, File Handling, CRUD Operations)
Springboot   PHP   Mongodb   My SQL
Git & GitHub

PROJECTS

Vehicle Rental Management System (2024)
- Engineered a full-stack vehicle rental platform using the MERN stack (MongoDB, Express.js, React, Node.js) to streamline rental operations for a vehicle rental company. The system allows users to browse available vehicles, make bookings, and manage their rentals efficiently through a user-friendly interface. Admins can manage vehicle listings, monitor rental status, and update availability in real-time. The platform was designed to simplify the end-to-end rental process, offering a scalable and modern solution for managing fleet and customer interactions online.
- ***Thechnologies: React.js, Node js, Express js, Mongodb***

Ceylone - Harvest (2025)
- Built a full-stack agriculture management system using the MERN stack (MongoDB, Express.js, React, Node.js) aimed at empowering Sri Lankan farmers with modern tools and insights. Key features include fertilizer usage tracking, real-time weather alerts, an agricultural equipment marketplace, and an AI-powered leaf disease detection module developed using Python and Jupyter Notebook. I was involved in both frontend and backend development, ensuring a seamless and responsive user experience. The project addressed critical issues in local farming by integrating technology for smarter, data-driven agriculture.
- ***Thechnologies: React.js, Node js, Express js, Mongodb***

AcademiX (2025)
- Developed a feature-rich e-learning web application using Java Spring Boot for the backend and React for the frontend. The platform allows users to sign in securely using Google authentication. It supports interactive learning through course selection and lecture uploads by teachers, while students can create personalized study plans. Additionally, users can engage socially by uploading posts, liking, and commenting—similar to a social media experience integrated into the learning environment. The project combines educational content delivery with community-driven interaction, promoting collaborative and flexible online learning.
- ***Thechnologies: React.js, Java springboot***

CERTIFICATES

Generative AI: Prompt Engineering Basics from IBM

Java Programming Basics from IBM