Sahan Hansaja

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CAREER OBJECTIVE

Dedicated and detail-oriented Software Engineering undergraduate with a passion for developing efficient and scalable software solutions. Seeking an internship or entry-level position where I can leverage my skills in Java, Python, mobile app development, and full-stack development to contribute to impactful projects while continuing to grow professionally in the field of software engineering.

EDUCATION

Bachelor of Science (Hons) in Software Engineering
SLTC Research University |
2022-2026

GCE A/L in Maths Stream
Ananda Sastralaya National School | 2021

- Information and Communication Technologies - B
- Physics - C
- Combined Maths - S

CERTIFICATES

- **Cybersecurity for Everyone** - University of Maryland, College Park
- **Developing Back-End Apps with Node.js and Express** - IBM
- **Python and Statistics for Financial Analysis** - The Hong Kong University of Science and Technology
- **introduction to Front-End Development** - Meta
- **Data Analysis with R Programming** - Google

RESEARCH INTERESTS

- Human-Computer Interaction
- Software Architecture and Design
- Data Ethics and Privacy

SKILLS SUMMARY

- **Programming Languages:** Java, Python, R, C, JavaScript, HTML/CSS
- **Database Management:** MongoDB, SQL, Firebase
- **Web Development:** React, Node.js
- **Tools & Technologies:** Jupyter Notebook
- **Mobile App Development:** Flutter
- **Soft Skills:** Problem-solving, Team collaboration, Effective communication, Time management

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PROJECTS

Built a CRUD Node.js and MongoDB Employee Management Web App | 2024
Helped Apollonia Dental Practice digitalize employee management by building a web app using HTML, CSS, JavaScript, ExpressJS, NodeJS, and MongoDB.

Personal Portfolio Website | 2022
Developed a personal portfolio website to showcase my projects, skills, and experiences using HTML, CSS, and JavaScript.

Quiz Galazy (online quiz system) | 2023
I created a dynamic web application using PHP, MySQL, and JavaScript. The project involved server-side scripting with PHP, database management with MySQL, and interactive front-end features using JavaScript. This combination enabled real-time data processing, user interaction, and efficient data storage and retrieval.

Lanka Sub Website (MERN) | 2024
Created a subtitle management website using the MERN stack (MongoDB, Express.js, React, and Node.js) to allow users to upload, download, and manage subtitles for various media files.

Client-Server Communication System | 2023
Developed a client-server communication system using Python to facilitate data exchange over a network.

SLTC-Foodie App | 2024
SLTC Foodie is a Flutter-based mobile application that manages food items and orders for a restaurant using Firebase for data management, authentication, and cloud storage. The app allows users to log in or register, manage food items, toggle between dark and light modes, and place orders.

EXTRACURRICULAR ACTIVITIES

IEEE Member
- SLTC Research University | 2022 – Present
- Participated in technical conferences and workshops organized by IEEE.

Medium Writer
- Published articles on technology and software development.

REFERENCES

Available upon request.

I hereby certify that the above information is true and correct to the best of my knowledge.
M.M.S. Hansaja
28 / 06 / 2024