SUDESH AROSHA SENEVIRATNE

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PROFILE

Future software engineer and full-stack developer with a solid background in web and software development technologies. Proficient in resolving issues, leading projects, and providing solutions focused on the needs of users. Excited to utilize expertise acquired from LinkedIn, W3Schools and Coursera certifications in practical projects, with a strong desire for continued learning and creativity. Looking for chances to join as a Web Developer or Software Developer in order to make a contribution to energetic groups and progress as a professional in the tech sector.

EDUCATION

INFORMATICS INSTITUTE OF TECHNOLOGY AFFLIATED WITH UNIVERSITY OF WESTMINSTER
2023 - 2027
- BEng (Hons) Software Engineering

BANDARANAYAKE COLLEGE - GAMPAHA
2019 - 2022
- G.C.E. Advanced Level (Successfully Completed)

GURUKULA COLLEGE - KELANIYA
2014 - 2019
- G.C.E. Ordinary Level (Successfully Completed)

PROJECTS

Colossus AI Learning Guide System (Software Development Group Project)
- Currently developing a Learning Guide System that can help learners with their learning process. The system Analize large documents and it generates interactive knowledge graphs based on user inputs.

Real-Time Event Ticketing System (Object Oriented Programming - Individual)
- A Full-Stack Web Application that can book tickets. There are three roles called Admin, Vendor and Customer. Each person can select their role, login and can access the web application according to their role. React and Nodejs are the technology stacks.

Plane Seat Management System (Java Software Development II - Individual)
- Created a Java-based airline seat management system to increase booking efficiency and streamline seat assignments. Users can see available seats, make reservations, and manage bookings thanks to the system's user-friendly interface.

Zero Hunger Website (Web Development - Group Project)
- worked together with the Web Development team at the University of Westminster to develop a responsive website that would increase awareness of the Zero Hunger campaign.

Student Progression Prediction (Python Software Development I - Individual)
- This Python software, which was created for forecasts student progress outcomes depending on input credits for pass, defer, and fail. It supports several student predictions in a loop and uses conditional logic to deliver reliable results. Additionally, the application stores input data to a text file for later use and creates a histogram to show the distribution of progression results.

Report Now LK (Personal Project - Individual)
- A Website called Report Now LK. Currently gathering user data and user requirements. This website helps people to report public issues to the specific ministry in Sri Lanka. The proccess is getting user input data through the website and it directly send that data to ministry email.

TECHNICAL SKILLS

Programming Languages
- Python
- Java
- JavaScript
- TypeScript
- C
- Korn Shell

DevOps & Deployment
- Docker
- Vercel
- GitHub Actions

Frontend Development
- React.js
- Next.js
- Angular
- Tailwind CSS
- Bootstrap
- ShadCN

Version Control
- GitHub

Backend Development
- Express.js
- Node.js

Database Management
- MySQL
- MongoDB
- SuperBase

Development Tools & IDEs
- Visual Studio Code
- IntelliJ
- PyCharm
- Code Blocks

DESIGNING SKILLS

- Adobe Photoshop
- Canva
- Figma
- Framer

SOFT SKILLS

- Project Management
- Teamwork
- Time Management
- Leadership
- Critical Thinking

CERTIFICATIONS

- Node.js Essential Training
- React Essential Training
- Angular Essential Training
- Object Oriented Design
- Spring Boot Essential Training
- C Programming Essential Training

CO-CURRICULAR ACTIVITIES

- Participated in Prestige Future of AI workshop (2025)
- Participated in Skill Up 3..0 industrial survival workshop (2025)

LANGUAGE

- English
- Sinhala

REFERENCE

Yaalini Balathasan
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