SARANI LIYANAGE
INTERN - FULLSTACK DEVELOPER

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PERSONAL PROFILE

As a driven second-year Computer Science undergraduate at the Informatics Institute of Technology (IIT), affiliated with the University of Westminster, I bring solid full-stack development skills with a strong focus on the MERN stack (MongoDB, Express.js, React, Node.js). I have hands-on experience building scalable and responsive web applications, backed by both academic and personal projects. I excel in collaborative, agile environments, adapt quickly to new technologies, and am eager to contribute to dynamic development teams while continuing to grow as a fullstack developer.

TECHNICAL SKILLS

- React
- Next.js
- Python
- Vercel
- JavaScript
- SpringBoot
- TypeScript
- AWS
- Tailwind CSS
- Figma
- Express
- PHP
- MongoDB
- MySQL
- Git/GitHub
- CI/CD
- Java
- Flutter

ACADEMIC PROJECTS

Full Stack E-commerce Web Application – (Ongoing) React, Node.js, Express, MongoDB, Figma
Built a modern and responsive e-commerce platform featuring dynamic product listings, cart management, and secure user authentication. Designed intuitive UI components in Figma and implemented them in React. Developed RESTful APIs using Express and structured scalable product and user data in MongoDB. Enabled a seamless shopping experience with protected routes, persistent cart state, and real-time UI updates.

Flickco Agency Website - React, Styled Components   **(Refer)**
Created a fully responsive and modern agency website to showcase services and portfolio. Implemented clean UI/UX with sections like About, Services, and Portfolio, utilizing React for dynamic content and Styled Components for modular, maintainable styling.

Real-Time Event Ticketing Platform – React, Spring Boot, Java, REST API   **(Refer)**
Constructed a responsive event ticketing system supporting real-time ticket release and purchase with multi-threaded backend logic. Integrated a dynamic dashboard with periodic polling for live updates, transaction logging, and a seamless user experience across frontend and backend layers.

We Neighbour Mobile Application - Flutter, Firebase   **(Refer)**
Created a Flutter-based mobile app to enhance apartment community communication, security, and community engagement. Built as part of the CS-Software Development Group Project at IIT. Worked with cloud-hosted environments, targeting real-world urban living challenges in Sri Lanka. Available on the Play Store.

Virtual Secret Santa Web Application - React, Node.js, Express, PostgreSQL   **(Refer)**
Developed a web application to automate Secret Santa gift exchanges. Enabled users to create groups, add participants, and automatically assign gift recipients. Used Nodemailer to securely email assignments, with a PostgreSQL-backed system for reliable data handling and a smooth, festive user experience.

EDUCATION

University of Westminster
BSc (Hons) in Computer Science| 2023 - 2027

Esoft Metro Campus
Diploma in Information Technology (DITEC) | 2020

Ave Maria Convent Negombo
(Advanced Level - 2022)

PROFESSIONAL CERTIFICATES

- Career Essentials in GitHub Professional Certificate - Github
- Spring Boot 2.0 Essential Training - Linkedin
- React Essential Training - Linkedin
- Node.js Essential Training - Linkedin
- Java Object-Oriented Programming - Linkedin
- Python For Beginners - UOM
- Practical GitHub Project Management and Collaboration - Project Management Institute

PROFESSIONAL SKILLS

- Effective Communication
- Teamwork & Cross-Functional Collaboration
- Leadership & Project Coordination
- Adaptability in Agile Environments
- Time Management & Task Prioritization
- Analytical & Problem-Solving Skills
- Proactive Thinking & Initiative

EXTRA-CURRICULAR ACTIVITIES

2021   Games Prefect – Ave Maria Convent
2020   Member – ICT Club of Ave Maria Convent
2023   Member – Leo club of Informatics Institute of Technology (IIT)

REFERENCES

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