

SITHIRA JAYANITHU

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SUMMARY

As a dedicated undergraduate student at Westminster University pursuing a degree in Software Engineering, I am committed to leveraging my education and skills to contribute effectively in the field of technology. With a passion for problem-solving and a keen interest in software development, I aim to continuously learn and grow in order to make meaningful contributions to innovative projects.

EXPERIENCE

- Collaborated with a cross-functional team to develop a customer portal for a retail client, integrating real-time data feeds to improve user engagement.
- Debugged and optimized existing code for the "FitTrack" fitness tracking app, improving application performance by **20%** through efficient query optimization and memory management.
- Participated in code reviews, suggesting improvements that led to a **15%** reduction in technical debt over the project's lifecycle.
- Designed and implemented responsive UI components for a healthcare web app, enhancing accessibility and user interaction.

PROJECTS

- E-commerce Website:** Developed a fully functional e-commerce website using Django framework, allowing users to browse products, add them to cart, and make purchases securely.
- Inventory Management System:** Designed and implemented an inventory management system using Java, allowing businesses to track and manage their inventory efficiently.
- Personal Portfolio Website:** Created a personal portfolio website using React framework to showcase projects, skills, and achievements.
- To-Do List App:** Built a simple to-do list app using JavaScript, where users can add, edit, and delete tasks. This project helped solidify my understanding of DOM manipulation and local storage.
- Weather App:** Created a weather forecasting app using the OpenWeatherMap API and JavaScript, which allows users to search for weather data based on location.

EDUCATION

BEng (Hons) Software Engineering
UNIVERSITY OF WESTMINSTER

2023 - 2027

Foundation Certification
INSTITUTE OF INFORMATION TECHNOLOGY

2022 - 2023

St Peter's College Negombo

2007 - 2020

ACHIEVEMENTS

- **Google IT Support Professional Certificate:** A beginner-friendly certification from Google that covers the fundamentals of IT support, networking, system administration, and security, suitable for newcomers to the field.
- Participant, **Google Developer Group DevFest 2023 (Sri Lanka):** Engaged in workshops and coding challenges focused on scalable application development, gaining hands-on experience with cloud technologies and AI tools.
- **CompTIA IT Fundamentals (ITF+):** This entry-level certification provides a solid foundation in IT concepts such as hardware, software, networking, and cybersecurity basics, ideal for beginners.

TEAMWORK & LEADERSHIP

- Volunteered as a mentor for Foundation and first-year software engineering students, providing guidance and support on coding challenges and project development.
- Led a team of 4 to develop an e-commerce website for a freelance project, where I managed timelines, assigned tasks, and ensured the project was delivered on schedule. My role involved coordinating between front-end and back-end developers, ensuring smooth integration of APIs, and conducting final testing.

SKILLS

- Proficient in programming languages such as **Java**, **Python**, and **JavaScript**.
- Knowledgeable in software development methodologies including **Agile** and **Scrum**.
- Familiarity with web development frameworks such as **Django**, **React**, and **Angular**.
- Experience with database management systems like **SQL** and **NoSQL**.

LANGUAGES

- English
 - Sinhala
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