

Computer Science undergraduate with experience in React, JavaScript, Java, and MySQL. Skilled in building responsive web applications and mobile solutions using OOP principles. Seeking a Software Engineering internship to contribute technical skills while gaining professional experience in a collaborative environment.

Education

- **B.Sc. (Hons) Computer Science**, Informatics Institute of Technology, Colombo **Expected Graduation: 2027**

Projects

- **Full-Stack Development | React.js, Node.js, Java CLI**
Designed and implemented a comprehensive ticket management system. The frontend was built using React.js, the backend with Node.js, and a Java CLI component was integrated for specific functionalities.
- **Advanced Client-Side Web Development Project | React, HTML5, CSS3, JavaScript**
Developed a responsive Single Page Application for an estate agent platform using React.js.
Implemented dynamic property search functionality with JSON data handling, UI enhancements with React components, and interactive features like favorites management.
Ensured responsiveness with CSS Grid/Flexbox and optimized security with client-side protections.
- **SDG 15 Awareness E-Commerce Platform | React, HTML5, CSS3, JavaScript**
Led frontend development for an e-commerce platform promoting UN Sustainable Development Goals using React. Implemented features like goal-specific information pages, Store, and a quiz section.
Created responsive layouts that adapt seamlessly across desktop and mobile devices.
- **Patas.lk Service Marketplace | Flutter, Firebase, Git**
Developed a mobile platform connecting customers with service providers across Sri Lanka.
Designed and implemented responsive user interfaces using Flutter framework.
Implemented user authentication and profile management with Firebase Authentication
Collaborated with a team of six using Git for version control and feature branching
- **Personal Finance Tracker | Python, Tkinter, OOP**
Developed a GUI-based financial management application implementing OOP principles.
Features include expense categorization, monthly summaries, and budget forecasting.
- **Student Management System | Java, MySQL**
Created an application for managing student records and academic performance.
Implemented features such as student registration, grade recording, and report generation.

Technical Skills

- **Languages & Frameworks:** JavaScript, React, Node.js, HTML5, CSS3, Java, Python, Flutter
- **Development Tools:** Git, GitHub, Agile methodologies, UI/UX design
- **Databases:** MySQL, Firebase, SQL queries

References

- Saadh Jawwadh | Assistant Lecturer | SE Level5 Coordinator | School of Computing, Informatics Institute of Technology
saadh.j@iit.ac.lk
- Nethmi Wijesinghe | Assistant Lecturer | SE Level5 Coordinator | School of Computing, Informatics Institute of Technology
nethmi.wi@iit.ac.lk