

THILLAINATHAN SAIGANESHWARAN

Software Engineering - Intern

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<https://github.com/SaiGaneshWaran>

PROFILE SUMMARY

I am a motivated and well-organized Computer Science undergraduate seeking a Software Engineering internship to enhance my skills in software development and gain hands-on industry experience. I am passionate about building efficient, scalable, and user-friendly applications while continuously improving my technical expertise. My objective is to contribute effectively to real-world projects, collaborate with professionals, and develop practical problem-solving skills.

PROJECTS

InnovaStruct Web App (In Process)

Jan 2025 - Present

Technologies used in this project: **React, Spring Boot**

- InnovaStruct is a web-based platform designed to streamline the construction process by connecting clients with construction companies. The system features a company portfolio module where businesses can showcase their expertise, past projects, and certifications, and a tendering system that allows companies to bid for projects.

Real-Time Event Ticketing System

Oct 2024 - Dec 2024

Technologies used in this project are **React, Spring Boot**

- Implemented a high-performance event ticketing system using multi-threading and the Producer-Consumer pattern to manage real-time ticket sales. Ensured concurrency Control and optimized system efficiency for seamless user experience.

Estate Agent Client-side Web Application

Oct 2024 - Dec 2024

Technologies are **React, HTML5, CSS, JavaScript**

- Implemented a client-side web application for property search with various filters like type, price, bedrooms, date added, and postcode area

Plane Ticket Management System

Feb 2024 - Mar 2024

The programming language used in this project is **Java**

- A system handled by the plane management to book, cancel and maintain tickets using OOP concepts in Java.

Education Web application

Mar 2024 - May 2024

The programming language used in this project is **JavaScript**

- Created a web application on the theme of quality education. I created home page, quiz page using HTML, CSS, and JavaScript with random questions and answers generated with a timer.

Personal Portfolio

Sep 2024 - Nov 2024

This project was developed using **HTML and CSS** for structure and styling

- Designed and developed a responsive personal portfolio website using html and css, The minimalist code only approaches focus on the clean without the use of javascript or additional framework making fast and accesible

EDUCATION

BSc (Hons) Computer Science
Informatics Institute of Technology

Sep 2023- present

- I have completed my first year at the Informatics Institute of Technology which collaborates with University of Westminster.

SECONDARY EDUCATION

Colombo Hindu College

- Successfully completed the Ordinary Level (O/L) and Advanced Level (A/L) examinations in the Physical Science stream, laying a solid foundation for higher education.

Jan 2009- Dec 2022

SKILLS

PROFESSIONAL SKILLS

Programming Language: Java
Other Frameworks : React, Tailwind Css and SpringBoot
Web Development : HTML, CSS, Javascript and React
Databases : MySQL, MongoDB
Version Control : GitHub

PERSONAL SKILLS

- Team Player
- Time Management
- Effective communicator
- Creativity
- Artistic aptitude
- Flexibility
- Innovation
- Tolerance of change and uncertainty
- Problem-solving
- Stress management
- Critical Thinking

EXTRA CURRICULAR ACTIVITIES

At Informatics Institute of Technology

*Played football for the IIT Team.
involved in competitions such as Hult Prize and InnovateX
attended workshops like Generative AI and Postman*

At Colombo Hindu College

*Played football and cricket for the school team.
Engaged in volunteering activities and took part in multiple competitions.
ICT Union Volunteer*

REFERENCES

Mithushan Jalangan
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