

SAIGANESHWARAN THILLAINATHAN

Software Engineering - Intern

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<https://github.com/SaiGaneshWaran>



https://saiganeshwaran.github.io/Portfolio_Website/

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

Cricket Auction Master- The Tournament Manager (Ongoing) (Personal Project)

Mar 2025- Apr 2025

The technologies used in this project is **React+Tailwind Css**

- Implemented a dynamic UI for seamless bidding, team formation, and player allocation, ensuring an engaging experience. After the auction, teams and player summaries are displayed.

InnovaStruct Web App (Academic Project)

Jan 2025 - Mar 2025

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 (Academic Project)

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 (Academic Project)

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 (Academic Project)

Sep 2024 - Nov 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.

Movie Explorer App (Personal Project)

May 2025 - May 2025

This project was developed using **React and APIs like TMDb**

- A responsive React.js web app using TMDb API to search, explore, and stream movie details with trailers. Features include real-time search, dark mode, favorites, and smooth UI with Framer Motion.

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 & EXPERIENCE

PROFESSIONAL SKILLS

Programming Languages: Java, Golang (basic)

Web Development: HTML , JavaScript, React.js ,Tailwind CSS,Angular(basic),Next.js

Frameworks: Express.js, .NET (basic)

Databases: MySQL, MongoDB

Cloud & DevOps: AWS

Version Control & Tools: GitHub, VS Code

API Development: REST API, Postman

WORK EXPERIENCE

Data Annotator

Jun 2023 - Oct 2023

Department of Computer Science & Engineering, University of Moratuwa

- Contributed to text summarization projects for low-resource languages
- Assisted in creating an organized large dataset prepared for AI tools
- Collaborated effectively with team members and stakeholders to ensure solutions aligned with project needs

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

Director/Co-founder

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