# Sahan Sasindu

## SOFTWARE ENGINEER (INTERN)

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## Summary

I am a Software Engineering undergraduate currently pursuing a BICT (Hons) in University of Ruhuna. I am actively seeking an IT-related internship to gain industry experience and work towards becoming a well-regarded IT professional in the future.

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## Education

Bachelor of Information and Communication Technology (Hons)
University of Ruhuna, Sri Lanka
Expected Graduation: 2025

3rd year (2024-2025)

- Advanced Programming
- Software Testing Methods and Tools
- Human Computer Interaction
- Rapid and Agile Software Development
- Advanced Database Management Systems
- Data Science & Analytics
- Distributed Systems and Cloud Computing

2nd year (2023-2024)

- Data Structures and Algorithms
- Object Oriented Programming
- Wireless Communications
- Internet of Things
- Operating System Concepts & Applications
- Management Information Systems
- Object Oriented Analysis and Design

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## PROJECTS

**HR and Inventory Management System**                          **Mar 2024 - Present**

- Developed a HR and inventory management system for Lucky Lanka Milk Processing Company PLC.
- Delivered features such as employee management, inventory tracking, and real-time reporting to improve operational efficiency.
- HTML, SCSS, Typescript, Spring Boot, JWT, MySQL, Angular

**Library Management System**                          **Mar 2025 - Present**

- The Library Management System (LMS) includes features such as user registration and authentication, browsing, book borrowing and reservations etc.
- Technologies: Front-End: Angular (lazy loading, AUTH Guard, Angular Material, Bootstrap, SCSS.
- Back-End: Spring Boot Back-End: spring boot (Role based authentication, MYSQL)

**Hostel Management System**                                                    **Oct 2024 – Dec 2024**

- Designed and implemented a Hostel Management System utilizing advanced database concepts to manage room allocations, student records, and payment systems.

- HTML, CSS, JavaScript, Bootstrap, Spring Boot, JWT, MySQL

- Advanced Database Technologies: JPA/Hibernate, Procedures, Functions, Triggers, Events, Views


**Online Auction Application**                                                   **Apr 2024 – May 2024**

- The system includes features such as real-time bidding, item listing, auction management, secure authentication, and transaction processing for a seamless online auction experience.
- JavaScript, HTML, CSS, Spring Boot, Hibernate, MySQL, Design Patterns: Factory Pattern, Strategy Pattern

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## skills

- Java
- JavaScript
- Typescript
- Python
- C

- Spring Boot
- Angular
- HTML
- CSS/Bootstrap
- Sass

- MySQL
- Hibernate
- MongoDB SQL
- Git / GitHub
- REST API

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## Certificates

- Spring MVC, Spring Boot and Rest Controllers
- GitHub Foundations
- AWS Educate Introduction to Cloud 101
- Postman API Fundamentals Student Expert

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## Extracurricular Activities

- Member of the ICT Circle
- Member of School Cricket Team

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## REFEREES

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