

Sathiyaseelan Isranjan

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Executive Summary

Enthusiastic and detail-oriented Computing and Software Engineering graduate with a Higher Diploma from ICBT. Possess a strong foundation in **software development, web technologies, testing methodologies, and Agile practices**. Passionate about applying academic knowledge to real-world challenges, seeking an internship to contribute to a dynamic development team while enhancing technical, testing, and professional expertise.

Technical Skills

Languages: Java, PHP, C#, C++, JavaScript (ES6+), HTML5, CSS3

Frameworks/Libraries: React.js, Node.js, Express.js, jQuery, AJAX

Databases: MySQL, MongoDB

Tools/Testing: Git, Selenium, Postman (API Testing), VS Code, NetBeans, Visual Studio

Design & Collaboration: Figma, Notion, Slack, Vercel, Microsoft 365

Core Concepts: Object-Oriented Programming (OOP), REST APIs, JSON Handling, Agile Methodologies

Academic Projects

Portfolio Website ([view](#))

Medical Crowdfunding Website (Final Year Project) | MERN Stack, Git

- Developed a full-stack donation platform enabling users to create and fund medical campaigns.
- Implemented secure user authentication and RESTful API endpoints for campaign management.
- Utilized MongoDB for scalable data storage and React.js for a responsive, user-friendly frontend.

CareCompass Hospital Appointment System | PHP, MySQL, jQuery, AJAX

- Built a dynamic hospital booking system allowing patients to schedule appointments online.
- Optimized user experience by using AJAX for real-time data fetching without page reloads.
- Designed a normalized MySQL database to manage doctor schedules and patient records.

OOP Inventory Management System | Java, NetBeans

- Created a GUI-based application for a retail bag shop to manage inventory and user roles.
- Applied core OOP principles (Inheritance, Polymorphism, Encapsulation) to ensure modular code.

Education

Cardiff Metropolitan University - ICBT

Higher National Diploma (HD) in Computing and Software Engineering

- Focused on Software Development, Database Management, and Programming Principles.
- Prepared for advanced engineering challenges through project-based learning.

Nov 2023 – July 2025

Colombo, Sri Lanka

Secondary Education

G.C.E. Advanced Level & Ordinary Level

Completed

Sri Lanka