

JEHAN FERNANDO

Intern - Software Engineer

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Profiles

www.linkedin.com/in/jehan-fernando-

[Portfolio](#)

<https://github.com/Jehanfernando02>

Summary

I am a second-year Computer Science undergraduate at the Informatics Institute of Technology (IIT), affiliated with the University of Westminster, UK. I'm passionate about software engineering and full-stack development, with hands-on experience in building dynamic web applications using the MERN stack (MongoDB, Express.js, React, Node.js) as well as backend frameworks like Spring Boot. I have developed and integrated RESTful APIs, worked with SQL and NoSQL databases, and applied principles of object-oriented programming, clean code, and modular design. I thrive in agile team environments, continuously improving my problem-solving, communication, and collaboration skills. Eager to contribute to innovative projects, I aim to apply my academic knowledge and practical experience to deliver scalable, maintainable software solutions.

Education

University of Westminster BSc (Hons) in Computer Science *2023 - Present* | Module Grades : [View](#)

St.Peter's College Colombo 04 GCE Advanced Level (Maths Stream) — 2B's and 1C *(2021)*

Projects

- **Imperial Fit - Gym Product Web App** [Imperial-Fit](#) Live : <https://imperial-fit.vercel.app/>

A gym-focused e-commerce platform offering a seamless user experience for browsing and purchasing fitness products.

Features: Custom workout plans, progress tracking, gym product store, motivational community content.

Tech: ReactJS, Vite, Tailwind CSS, React Router, Node.js, Express.js, MongoDB, Mongoose, Clerk, CORS, RESTful API

- **Real-Time Event Ticketing System** [Ticketing-System](#) Live : <https://event-ticketing-realtime.vercel.app/>

A concurrent ticketing system for real-time event ticket management

Features: Multi-threaded ticket release/purchase, dynamic dashboard, transaction logging.

Tech: React, Spring Boot, OOP, Java, REST API, Periodic Polling

- **Bookstore Application** [BookStore](#) [BookStoreAPI](#) Live : <https://libro-nest.vercel.app/>

Developed a full-stack bookstore platform with a RESTful API to manage books, authors, carts, and orders, integrated with a responsive React frontend for seamless user experience. Deployed on Render and Vercel using CI/CD pipelines for automated, scalable delivery.

Tech: Java, JAX-RS (Jersey), Jetty, Maven, Docker, React, Tailwind CSS, Vercel, Render, Swagger, Jackson, Postman

- **We Neighbour - Group Project** [We-Neighbour](#) Live : <https://www.weneighbour.live/>

A smart community management platform enhancing communication, security, and engagement in apartment communities. Features include real-time alerts, QR code-based visitor management, resource sharing, an event calendar, a community forum, and a verified services directory.

Tech Stack: Flutter, Node.js, MongoDB, AWS, Firebase, Google Calendar API.

- **Dream Space - Property Search App** [Dream Space](#) Live : <https://dream-space-chi.vercel.app/>

A dynamic platform for seamless property browsing and management.

Features: Advanced filtering, detailed property listings, Google Maps integration, high-quality visuals.

Tech: React, Google Maps API, React Router, CSS (Flexbox, Grid), JSON Data Handling, UI Libraries

Skills

Soft Skills

- Effective Communication
- Leadership & Project Management
- Teamwork & Collaboration
- Adaptability & Time Management

- Java
- Python
- JavaScript
- Springboot
- Node.js

- React
- Tailwind CSS
- Flutter
- HTML
- CSS

Technical Skills

- MySQL
- MongoDB
- Mongoose
- Firebase
- REST API
- Git/ GitHub
- Postman
- Vercel
- Render
- Bootstrap

Certifications

- **STEMLink - Full-stack Engineering for Entrepreneurship: Beginners Edition**

Built 5 core features for an e-commerce platform, gaining hands-on full-stack experience. [View Certificate](#)

- **LinkedIn Learning**

Certified in REST API, OOP, OOP Design, Spring Boot, and React.js. Proficient in scalable application development. [View Certificates](#)

Extra-Curricular Activities

- General Member – Interact Club, St. Peter's College
- Member – Maths & Science Society, St. Peter's College
- Member – IEEE Student Branch of IIT
- Member – ICT Club, St. Peter's College
- Member – Leo club of IIT

References

Saadh Jawwadh – Assistant Lecturer, Computing Department, IIT

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Rajindu Kavinda Cooray – Senior Software Engineer, IFS Sri Lanka

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