

Yasith Imalka

Undergraduate, Computer Science and Engineering

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🔗 yasixportfolio.netlify.app in Yasith Imalka 🌐 Yasith Imalka 📺 Yasith Imalka

Education

University of Moratuwa - Faculty of Engineering

Bachelor of Science Honors in Computer Science and Engineering
SGPA: 3.56/4.00 (Semester 1)

Katubedda, Moratuwa, Sri Lanka
2023 March - 2027 March

Rahula College

GCE A/L 2021 (First Attempt) - Physical Science
Island Rank: 360
Z-Score: 2.3206

Matara, Sri Lanka
2019 – 2022

Projects

MoraClick – Smart Canteen System

Contribution: Developed a web app to streamline canteen experiences at the University of Moratuwa. Features include login, food availability, ratings, reviews, real-time notifications, and menu management for staff.
Technologies used: React.js, Node.js, Express.js, MongoDB, Firebase, Cloudinary.

2024 Dec – 2025 Mar
GitHub [↗](#)
Live Site [↗](#)

FastX – Logistics Management Platform

Contribution: Developed a logistics management system for a university project, including role-based access, workforce tracking, order routing, and automated scheduling. Used MVC architecture and implemented advanced SQL features.
Technologies used: React.js, Tailwind CSS, Node.js, MySQL (Aiven.io).

2024 Aug – 2024 Nov
See more [↗](#)

Nano Processor Design

Contribution: Designed and simulated a 4-bit nano processor with arithmetic logic, control unit, and register bank. Implemented using VHDL and deployed on BASYS 3 FPGA.
Technologies used: VHDL, BASYS 3 FPGA, Xilinx.

2024 Jan – 2024 May
See more [↗](#)

Yasix Real State Website

Contribution: Created a responsive real estate website showcasing services and listings. Focused on frontend UI/UX and responsive design.
Technologies used: React.js, HTML, CSS.

2024 Mar – 2024 May
Live Site [↗](#)
GitHub [↗](#)

Yasix Gym Website

Contribution: Designed and deployed a gym website featuring service highlights, offers, and contact form. Focused on engaging frontend components.
Technologies used: React.js, HTML, CSS.

2024 Jan – 2024 Mar
Live Site [↗](#)
GitHub [↗](#)

Technologies

Programming Languages: C++, Java, Python, SQL, JavaScript, TypeScript

Technical Fields: Full Stack Development, Computer Networks, DevOps, Web Hosting, Virtual Private Servers (VPS)

Database Systems: MySQL, MongoDB, Firebase

Tools & Services: Git, Linux, Docker, Kubernetes

Frameworks: Next.js, React, React Native, Node.js, Vite

Volunteering Experience

IESL Robo Games 2024 - Web Committee Member

2024 Dec – 2025 Feb

IESL, Dept. of Computer Science and Engineering

Contribution: Program committee member of IESL Robo Games 2024.

SLIOT Challenge 2025 - Web Committee Member

2025 Jan – 2025 Mar

Dept. of Computer Science and Engineering

Contribution: Program committee member of SLIOT Challenge 2025.

Mora Spirit - Photography Piller Member

2024 Feb – 2025 Feb

Mora Spirit - University of Moratuwa

Contribution: Photography Piller Member