Yasith Gamage

Undergraduate, Computer Science andEngineering, Faculty of Engineering, University of Moratuwa

📍 Matara, Southern Province, Sri Lanka   ✉ yasith.22@cse.mrt.ac.lk   📞 +94 717661477

🔗 yasixportfolio.netlify.app   in Yasith Imalka   ○ Yasith Imalka   Ⓜ Yasith Imalka

Profile

Motivated and adaptable individual with a strong drive for excellence in both technical and interpersonal domains. Actively seeking a software engineering internship to apply my skills, contribute meaningfully to projects, and continue evolving as a professional in the field.

Education

University of Moratuwa - Faculty of Engineering   *Katubedda, Moratuwa, Sri Lanka*
Bachelor of Science Honors in Computer Science and Engineering   *2023 March - present*
CGPA: 3.41/4.00

Rahula College   *Matara, Sri Lanka*
GCE A/L 2021 (First Attempt) - Physical Science   *2019 – 2022*
Island Rank: 360
Z-Score: 2.3206

Projects

MoraClick – Smart Canteen System   *2024 Dec – 2025 Mar*
Developed a web app to streamline canteen experiences at the University of   GitHub ☑
Moratuwa. Features include login, food availability, ratings, reviews, real-time   Live Site ☑
notifications, and menu management for staff.

Contribution: *Create the client side of the website (both frontend and backend).*
Technologies used: React.js, Node.js, Express.js, MongoDB, Firebase, Cloudinary.

Zia – Online Service Marketplace (ongoing)   *2025 Jul – Present*
Built a SaaS platform connecting Sri Lankan customers with local service   GitHub ☑
providers (tutoring, repairs, design), featuring geo-location search, secure
payments, real-time messaging, reviews, and an admin dashboard. Ensured
usability, scalability, security, role-based access, and mobile responsiveness.

Contribution: *Create the Service Provider and Admin side of the website (both frontend and backend).*
Technologies used: React.js, Node.js (Express), PostgreSQL, Google Maps API, AWS, PayHere/Stripe, Socket.IO.

FastX – Logistics Management Platform   *2024 Aug – 2024 Nov*
Developed a logistics management system for a university project, including   GitHub ☑
role-based access, workforce tracking, order routing, and automated scheduling.
Used MVC architecture and implemented advanced SQL features.

Contribution: *Create the Admin role of the website (both frontend and backend).*
Technologies used: React.js, Tailwind CSS, Node.js, MySQL.

Java Game – MYSTIC MAYHEM   *2024 Oct – 2024 Nov*
Developed an object-oriented Java turn-based game with customizable armies,   GitHub ☑
user profiles, in-game economy, XP progression, equipment and terrain effects,
and home-ground advantages. Implemented combat rules, priority-based

attack sequences, and real-time battle logs. Packaged as an executable JAR for cross-platform play.
Technologies used: Java, OOP Principles.

RPAL Compiler Components
2025 May – 2025 June
GitHub↗

Designed and implemented a compiler frontend for the RPAL language, including a custom lexical analyzer, recursive-descent parser, AST to ST transformation, and a CSE machine for interpretation. Added command-line flags (e.g., -ast) and ensured compatibility with reference implementations.
Technologies used: C++, STL, Recursive Descent Parsing, Custom Tree Structures, CLI.

Yasix Real State Website
2024 Mar – 2024 May
Live Site↗
GitHub↗

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

Technologies

Programming Languages: Java, Python, c++, SQL, JavaScript, TypeScript
Technical Fields: Full Stack Development, Computer Networks, Web Hosting
Database Systems: MySQL, MongoDB, PostgreSQL
Tools & Services: Git, Docker, VScode, Figma, Postman
Frameworks: React, Node.js, Express.js

Languages

Sinhala: Native proficiency
English: Proficient in speaking, reading, and writing

Volunteering Experience

IESL Robo Games 2024 - Program 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 - Program 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

Soft Skills & Interests

Photography
Event-Organizing

References

Prof. Dulani Meedaniya
Professor, Department of Computer Science and Engineering
University of Moratuwa
dulanim@cse.mrt.ac.lk

Dr. Adeesha Wijayasiri
Senior Lecturer, Department of Computer Science and Engineering
University of Moratuwa
adeeshaw@cse.mrt.ac.lk