



Yasith Banula

Software Engineer - Intern

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🌐 Yasith Banula 🔄 Yasithb 📁 Portfolio 📄 Yasith Banula

PROFILE

Motivated software engineering student with hands-on experience in web and application development. Skilled in the MERN stack and building efficient, scalable applications. Quick learner and collaborative team player, eager to contribute to impactful software solutions.

EDUCATION

BSc (Hons) in Computing and Information Systems - Current GPA 3.32 **2023 - Present**
Sabaragamuwa University of Sri Lanka

G.C.E Advance Level Physical Science Stream - 1A, 2C **Jan 2018 – Mar 2022**
H/Walasmulla National School

PROJECTS

Sabra Music – Art Center Booking Web Application (Group Project - Completed) 🔗

HTML | CSS | JavaScript | Laravel | PHP | MySQL | Blade

- Led a team and contributed as a full-stack developer in building a digital booking system for the Art Center at Sabaragamuwa University of Sri Lanka, eliminating double bookings and manual approvals by moving the process online for greater efficiency and usability.
- Contributed by developing the Home and other pages, integrating them with the backend for dynamic data handling, and creating an admin panel to improve user interaction and support.

NoteMind – AI-Powered Note Management System (Individual Project - Completed) 🔗

MongoDB | Express.js | React.js | Node.js | Google Gemini API | nodemon | REST APIs

- Built an AI-powered note-taking app with summarization, idea generation, and Q&A features using Google Gemini API, along with secure authentication, Express.js backend, and MongoDB Atlas integration.

LearnFlow – AI-Powered Interactive Learning Roadmaps (Group Project - Completed) 🔗

React | React Flow | Flask | LangChain | AI APIs | Retrieval-Augmented Generation (RAG)

- Led a team and contributed to the development of *LearnFlow*, an AI-powered platform that generates interactive roadmaps to simplify complex programming concepts using modern web technologies.
- Contributed by developed Home, Roadmap, Services, About Us, and other pages, integrating them with the backend to enhance user interaction and support.

Traverse – A comprehensive travel website (Individual Project - Completed) 🔗

HTML | CSS | Bootstrap | JavaScript

- Developed Traverse, a travel website with Home, About, Tour, Blog, and Contact sections, designed for responsive and user-friendly navigation. Published on GitHub for collaboration and improvements.

Harvest-Xpert – A Digital Marketplace for Smarter Agriculture (Group Project - Completed) 🔗

HTML | CSS | Tailwind CSS | JavaScript | MySQL | Git

- Led a team and contributed to the development of *Harvest-Xpert*, a digital platform connecting farmers and traders to optimize crop marketing and streamline the agricultural supply chain.
- Contributed by developing frontend pages and integrating them with the backend for full functionality.

EduBridge – Parent - Teacher Relationship Management System (Group Project - Ongoing) 🔗

Laravel | PHP | MySQL | Blade | WhatsApp Business API | HTML | CSS | JavaScript | Bootstrap

- Developing a web-based Parent-Teacher Relationship Management System with real-time WhatsApp notifications, PDF progress reports, two-way parent-teacher communication, home-arrival confirmation, and an admin dashboard for monitoring student performance.

TECHNICAL SKILLS

- **Programming Languages** - JavaScript, C, Java, PHP
- **Databases** - MySQL, MongoDB
- **Tools** - Figma, Visual Studio Code (VS Code), IntelliJ IDEA, Postman, Draw.io, Trello
- **Web Technologies** - HTML, CSS, Bootstrap, Angular, React.js, Node.js, Express.js, Laravel
- **Version Control** - Git, GitHub
- **Concepts** - OOP Concepts, Agile Development

SOFT SKILLS

- Team Collaboration
- Strong Communication Skills
- Problem-Solving Skills
- Leadership & Initiative
- Quick Learning & Adaptability
- Multitasking Abilities

AWARDS

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| Semi-Finalist – HackX 10.0 (Team HACKOPS)
University of Kelaniya | Oct 2025 🔗 |
| Semi-Finalist – Brainstorm 2025 (Team SmartMedix)
IEEE EMBS University of Moratuwa | Apr 2025 🔗 |
| Inter University Designathon – Certification (Team Virtuosos)
IEEE Student Branch of Informatics Institute of Technology | Sep 2024 🔗 |
| Semi-Finalist – Cre8X UI/UX Competition 2024 (Team Design Dynamos)
General Sir John Kotelawala Defence University | Aug 2024 🔗 |

CERTIFICATES

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| Introduction to HTML 🔗
Sololearn | Web Design for Beginners 🔗
University of Moratuwa | SQL (Advanced) Certification 🔗
HackerRank |
| Python for Beginners 🔗
University of Moratuwa | Java Programming For Complete Beginners 🔗
Alison | Introduction to Front-End Development 🔗
Meta |
| Career Essentials in GitHub Professional Certificate 🔗
GitHub | Agile Project Management 🔗
HP LIFE | Software Engineer Intern 🔗
HackerRank |

VOLUNTEERING EXPERIENCES

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| Content Creation Team Volunteer
IEEE Student Branch of SUSL | Oct 2025 |
| Secretary Team Member
HOPE 2.0 , organized by the IEEE Student Branch of SUSL | Sep 2025 |
| Python and Machine Learning – Presenter
STEMUP Educational Foundation | Mar 2025 |
| Logistics Team Member – IEEE Day
IEEE Student Branch of SUSL | Jun 2024 |

REFERENCES

- Miss. S. Adeeba**, *Lecturer (Probationary)*, Department of Computing & Information Systems, Faculty of Computing, Sabaragamuwa University of Sri Lanka, adeesa@foc.sab.ac.lk, +94 77 366 8175
- Miss. Sanuvi Lokugamage**, *Quality Engineer*, Sysco LABS (Pvt) Ltd
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