

Tharusha Nawod Jayasinghe

Software Engineer Intern

Colombo, Sri Lanka tharushanawod777@gmail.com +94 70 393 8863 Portfolio LinkedIn GitHub

Profile

BSc Information Systems (Hons) student at UCSC with strong skills in full-stack web development, programming, and databases. Experienced in building scalable and user-friendly applications using modern technologies. Quick learner eager to contribute problem-solving and collaboration skills in an internship.

Education

University of Colombo School of Computing

2023 – Present

BSc. in Information Systems (Hons)

- GPA: 3.79/4.0 (Current ranking: 2nd in the cohort)

Course Modules:

Data Structures and Algorithms, Software Quality Assurance, Database Management, Object Oriented Programming, System Analysis Design, Software Engineering, Human Computer Interaction, Computer Networks

Technical Skills

Programming Languages: JavaScript, PHP, Java, C

Frameworks & Libraries: React, Spring Boot, Express.js, Node.js

Databases: MongoDB, PostgreSQL, MySQL

Tools & Platforms: Git, GitHub, AWS, Vercel, Figma, Postman, JIRA, Linux

Projects

Corn Cradle

Completed

Full-Stack Developer, Team Lead

- Led a team of 4 to develop a platform empowering Sri Lankan corn farmers to auction harvests
- Implemented 4 key modules: auction management, real-time bidding, worker hiring, Ingredient store.
- Improved pricing transparency by digitizing 100% of manual operations in the auction process
- Tools: HTML, CSS, JavaScript, PHP, MySQL

Island Hop

Ongoing

Frontend & Backend Developer

- Collaborating with a team of 6 to build a smart tourism platform for Sri Lanka
- Developing microservices-based scalable architecture with 3 databases (MongoDB, PostgreSQL, Redis)
- Implementing user experience optimization and travel recommendation algorithms
- Tools: React.js, Spring Boot, Python, MongoDB, PostgreSQL, Redis, AWS, Vercel

Crown-Keys

Ongoing

Frontend & Backend Developer

- Developed 4 core modules: property listings, search & filtering, user authentication, and booking system
- Integrated booking systems for property reservations and client interactions
- Optimized frontend with Tailwind CSS for a responsive UI across devices
- Tools: React, Tailwind CSS, Express.js, PostgreSQL

Achievements

- Director's List in First Year 1st Semester - University of Colombo School of Computing (UCSC)
- Director's List in Second Year 1st & 2nd Semester - University of Colombo School of Computing (UCSC)

Certifications

- HackerRank Java Basic Certification
- HackerRank SQL Basic & Intermediate Certifications
- AWS Cloud Introduction to Cloud 101
- AWS Cloud Practitioner Essentials
- Oracle Cloud Certified Foundations Associate

Languages

English: Proficient **Sinhala:** Native

References

Pubudu Liyanage

Senior Lecturer & Head of Platned, Sri Lanka

UCSC, University of Colombo

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R.M.D.C. Rathnayaka

Associate Tech Lead

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