

IHANSA SANSILUNI

SOFTWARE ENGINEER INTERN

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ABOUT ME

I'm a dedicated third year IT undergraduate passionate about creating innovative solutions with societal impact. With strong adaptability, teamwork, and leadership skills, I'm seeking a Software Engineer Internship to enhance my technical abilities and contribute to impactful projects.

EDUCATION

BSc. (Hons) in Information Technology and Management

2023 - Present

University Of Moratuwa- Faculty Of Information Technology

- Over-roll GPA -3.523

Ferguson High School Ratnapura

2008 - 2021

G.C.E Advance Level - 2021

- 2B ,1C-physics (Bio science stream)

PROJECTS

MarketPlace for Doctors - Level 2 Software Development Project

2024-2025

A MERN stack web platform that connects doctors, medical students, recruiters, and educational institutions. It streamlines medical job recruitment, internship applications, and access to higher education programs with features like job postings, CV comparison, application tracking, and real-time notifications.

I have designed and developed the front end with job posting forms, search, filtering, application submission, status tracking, and feedback features, enabling recruiters to manage applications and candidates to track progress. On the backend, implemented RESTful APIs for CRUD operations, job search and filtering logic, and designed MongoDB schemas to manage job and application data.

- Github repo: [Link](#)
- Tech stack : React.js, TypeScript, Node.js, Express.js, MongoDB, Cloudinary, Tailwind CSS
- Role : Fullstack Developer

Smart Hospital Queue & Appointment Management System (Ongoing)

2025 Aug- Present

Developing a web-based solution using Next.js, Python, and MySQL to digitalize patient flow and automate queue management at the National Eye Hospital, Colombo, enabling online booking, QR-based check-ins, and real-time queue tracking to improve efficiency and transparency in hospital operations.

- Tech Stack: Next.js, Python(backend), MySQL, RESTful API, JSON Web Tokens (JWT), OAuth 2.0, Vonage (SMS), NodeMailer (Email)
- Role : Fullstack Developer

snake game development mini project (individual project)

2025

Developed a classic Snake Game in Java using Swing and custom graphics, featuring smooth controls, dynamic growth, collision detection, score tracking, and a clean, retro-style interface.

- Github repo: [Link](#)
- Tech stack : Java, Swing, OOP
- Role : Java Developer

Travel Guide -Travel planing platform

2024

Developed as part of the Innovate with Ballerina competition by IEEE University of Moratuwa, this web-based travel platform enables users to explore travel packages, book dream trips, and manage bookings with ease. Built with a user-friendly interface using HTML, CSS, JavaScript, and a Ballerina backend, the system offers seamless travel planning by integrating destination discovery and itinerary managemen

- _Github repo: [Link](#)
- Tech stack : HTML, CSS, JavaScript, Ballerina
- Role : Fullstack Developer

Medicare - Paitent Apponitment Booking system (Iaravel individual project)

2025

Built a secure web application enabling patients to book doctor appointments with real-time scheduling, doctor profile management, and search/filter by specialization and availability, improving user experience and healthcare efficiency.

- Github repo: [Link](#)
- Tech stack : Laravel, MySQL, Bootstrap
- Role : Fullstack Developer

SKILLS

Tech Skills

- Programming Languages - Java, JavaScript, Python, C,C++
- Front-end Development - React.js, Next.js, Bootstrap,Tailwind CSS
- Back-end Development - Node.js , Express.js
- Databases - MYSQL, MSSQL, MongoDB
- UI/UX Design - Figma, Canva
- Tools and platforms - Postman,Github,GIMP,VsCode, CLion, IntelliJ

Soft Skills

- Problem Solving
- Team Work
- Time Management
- Creativity
- Adaptability
- Quick Learner

EXTRA CURRICULAR

- Company Coordinator, Fit Sixes 2023–2024
- Company Coordinator, RUR Career Fair – Rotaract Club 2024
- Company coordinator,FIT Future Careers(INTECS)
- Event Coordinator at FestX5.0
- Member at Mora Hiking Club, University of Moratuwa

ACHIEVEMENTS

- FIT Code Rush 2024 - 11 th place
- BITCODE V5.0 - 8 th place
- MoraXtreme 9.0 - 24 th place
- Innovative with Ballerina Coding Challenge - participation
- AlgoXplore 1.0 - participation

REFERENCES

Dr. Upeksha Ganegoda

Senior Lecturer at University of Moratuwa
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Ms Dhananja Karawita

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