

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 Engineering 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

Gear-Up (Enterprise Application Development Group project)

2025 Aug- Nov

The GearUp Automobile Service Management System is a web platform that streamlines vehicle service operations by connecting Customers, Employees, and Administrators. It supports appointment booking, real-time service tracking, task management, work-hour logging, and overall workflow monitoring.

I developed the employee service-progress update pages, including handling customer modification requests and generating full service reports. On the backend, I built the service-tracking microservice responsible for progress tracking, modification request handling, and time-logging features

- Github repo: [Frontend](#), [Backend](#)
- Tech Stack: Next.js, Spring Boot, PostgreSQL, Docker, Firebase, WebSocket, SendGrid.
- Role : Fullstack Developer

Smart Hospital Queue & Appointment Management System (Ongoing)

2025-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

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 management.

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

Medicare - Patient Appointment Booking system (Laravel 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, SpringBoot
- Databases - MYSQL, MSSQL, MongoDB, PostgreSQL
- UI/UX Design - Figma, Canva
- Cloud & DevOps - Firebase, Docker
- Tools and platforms - Postman, Github, VsCode, CLion, IntelliJ

Soft Skills

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

EXTRA CURRICULAR

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

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