



ANJANA NIMESH SATHSARA

SOFTWARE ENGINEER INTERN

CONTACT ME

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- 📍 No.01, Kumbalwala, Ilukhena

TECHNICAL SKILLS

Programming Languages

- C
- JavaScript
- Java
- TypeScript

Frontend Development

- ReactJs
- HTML
- NextJs
- CSS
- Tailwind CSS
- React Native(Mobile)

Backend Development

- NodeJs
- NestJs
- ExpressJs

Database

- MongoDB
- MySQL

Project Management

- Click Up

UI Design

- Figma

Version Control

- Git

Others

- Canva
- Photoshop

PROFILE

I am an enthusiastic and dedicated undergraduate passionate about exploring the world of Software Engineering through innovation and continuous learning. I bring strong leadership qualities and a collaborative spirit, with a proven ability to work effectively in team environments. I am currently seeking an opportunity as a Software Engineering Intern to apply my knowledge, enhance my skills, and work with both existing and emerging technologies.

EDUCATION

University of Moratuwa

2023 -Present

B.Sc. (Hons) in Information Technology

- CGPA: 3.64 (upto semester 3, out of 4.00)
- Dean's list in semester 2

Saranath National College Kuliypitiya

2021(2022)

G.C.E Advanced Level Examination

- Z-score: 1.7426

PROJECTS

CeyAgro – IoT Dashboard for Real-Time Data Analysis

Web & Mobile Application (Level 02 Software Project)

CeyAgro is a cloud-based IoT platform designed for real-time monitoring and analysis of sensor data from remote devices. The system supports multiple users, allowing them to visualize, manage, and analyze IoT device data through interactive dashboards.

Contribution :

- Implemented report generation with ExcelJS; uploaded reports to AWS S3 for user access
- Configured AWS IoT Core devices and rules to stream sensor data into Kafka for real-time analytics
- Location Visualization using React Flow

Technologies :

- Nextjs, Nestjs, MongoDB, AWS IoT Core, AWS S3, ExcelJS, React Flow, Arduino, React Native

SOFT SKILLS

- Team Work
- Time Management
- Problem Solving
- Creativity
- Leadership Skills

LANGUAGES

- English
- Sinhala (Native)

VOLUNTEERING

Design committee member

- INTECS - Faculty of Information Technology

NON-RELATED REFEREES

Ms. M.N. Chandimali

Lecturer

Department of Information Technology,
Faculty of Information Technology,
University of Moratuwa.

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Sign Bridge- Gesture to Speech Communication Glove

(Level 01 Hardware Project)

Sign Bridge is a wearable microcontroller-based glove designed to assist individuals who use sign language by converting hand gestures into spoken words

Contribution :

- Integrated DF Mini Player with Arduino Nano to play audio responses for each gesture. Ensured smooth and responsive real-time speech output from gesture inputs.

Technologies :

- Arduino, C++

Stray Care – Community Platform for Stray Animal Support

Web Application (Innovate with Ballerina competition)

Stray Care is a web application that supports stray animal welfare by allowing users to report, register, and help stray dogs and cats, while connecting volunteers for care and donations.

Contribution :

- Built modules for registering and listing stray animals through a user-friendly interface.

Technologies :

- ReactJS, Tailwind CSS, Ballerina, MongoDB

Personal Portfolio

Web Application(Individual Project)

Technologies :

- ReactJs, Tailwind CSS, NodeJs

PARTICIPATIONS

- CodeRush 2024 | Coding Competition Organized by INTECS, Faculty of Information Technology, University of Moratuwa
- MoraXtreme 2024 | Coding Competition Organized by IEEE Student Branch of University of Moratuwa
- AlgoXplore 2024 | CTF Challenge Organized By NSBM
- Ballerina 2024 | Coding Competition Organized by IEEE Student Branch of University of Moratuwa
- SpiritX 2024 | Organized by MoraSpirit,University of Moratuwa