Anjana Nimesh Sathsara

Software Engineering Intern

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PROFILE

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

EDUCATION

University of Moratuwa   **2023 - Present**
- Bachelor of Science Honours in Information Technology
- CGPA: 3.64 (upto semester 3, out of 4.00)
- Dean's list in semester 2

Saranath National College Kuliyapitiya   **2018 - 2021**
- G.C.E A/L - Bio Stream
- Z-score: 1.7426

PROJECTS

CeyAgro - IoT Dashboard for Real-Time Data Analysis   **2024 - 2025**

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 and AWS S3 for user access, configured AWS IoT Core with Kafka for real-time sensor data streaming, and developed location visualization using React Flow.
- **Technologies : Next.js, Nest.js, MongoDB, AWS IoT Core, AWS S3, ExcelJS, React Flow, Ardunio, React Native**

Sign Bridge - Gesture-to-Speech Communication Glove   **2023 - 2024**

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 : Ardunio, C++**

LifeDrop - Blood Donation Management Platform   **2025**

A platform connecting hospitals, donors, and admins to ensure timely blood donation and availability.
- **Contribution :** Built the hospital side module to manage donors, track blood.
- **Technologies : React.js, Tailwind CSS, Ballerina, MySQL**

AutoServe 360 – Automobile Service Time Logging & Appointment System   **2025**

A web app that streamlines vehicle service management, including booking, progress tracking, and employee time logging.
- **Contribution :** Developed the user profile management module and time log history display, allowing users to view updated profiles and track detailed work hour records efficiently.
- **Technologies : Next.js, ASP .NET Core, MS SQL**

Stray Care - Community Platform for Stray Animal Support   **2024**

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 : React.js, Tailwind CSS, Ballerina, MongoDB**

TECHNICAL SKILLS

- Programming Languages: **C, C#, Java, JavaScript, TypeScript**
- Frontend Development: **HTML, CSS, React.js, Next.js, React Native, Tailwind CSS**
- Backend Development: **Node.js, Express.js, Nest.js, ASP.NET Core**
- Databases: **MongoDB, MySQL, MS SQL**
- Cloud & DevOps: **AWS, Docker, Git, GitHub**
- Project Management Tools: **Jira, ClickUp**
- Design Tools: **Figma, Canva, Adobe Photoshop**

SOFT SKILLS

- Teamwork
- Time Management
- Creativity
- Leadership Skills
- Problem Solving

VOLUNTEERING

INTECS - Faculty of Information Technology
- Design Subcommittee Member

EXTRACURRICULAR ACTIVITIES

- Cadet Corporal
- Volleyball Player
- Muaythai Player

PARTICIPATIONS

- Ballerina 2024 │ Coding Competition Organized by IEEE Student Branch of University of Moratuwa.
- 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 Green University.
- SpiritX 2024 │ Organized by MoraSpirit,University of Moratuwa.

NON-RELATED REFEREES

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