



CONTACT

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EDUCATION

- 2022 – PRESENT**
University of Moratuwa
Faculty of Information Technology
BSc(Hons).in Information Technology & Management
- 2012 – 2020**
Sri Sangamitta Girls' National School Matale
- GCE Advanced Level Examination
Physical Science Stream (2021(2022))
BCC (Z-Score - 1.2622)
- GCE Ordinary Level Examination (2017)
9 A's

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- TypeScript
- JavaScript
- C
- Java
- PHP

FRONT-END DEVELOPMENT

- HTML
- CSS
- Angular
- Bootstrap
- Next.js
- Tailwind CSS

SARANGA RANASINGHE

IT&M UNDERGRADUATE

PROFILE

I am an IT & Management undergraduate at the Faculty of Information Technology, University of Moratuwa, passionate about Full-Stack Development and creating innovative tech solutions. With strengths in software development, UI/UX design, and a blend of technical and managerial skills, I am seeking an **internship as a Software Engineer** to contribute to impactful projects while learning from dynamic teams.

PROJECTS

PLAYFIT – SPORT MANAGEMENT SYSTEM (TEAM)

2024 SEP – 2025 JUL

LEVEL 02 SOFTWARE PROJECT | MENTORED BY 99X

- A centralized web-based platform for players, coaches, stadium owners, health officers, and administrators to coordinate efficiently.
- Role: **Full-stack Developer & UI/UX Designer**
- Contribution: Developed the Health Officer module for managing appointments, recording player injuries, and publishing safety advice.
- Experience Gained: UI/UX design, full-stack development, teamwork, and effective communication.

Technologies : Angular , Bootstrap , Node.js , MySQL

Project URL : github.com/TheCodeExplorers-PlayFit

MY PORTFOLIO (INDIVIDUAL)

2025 AUG

- Developed a personal portfolio website to showcase my projects and skills in **software engineering** and **UI/UX design**.
- Contribution: Designed and developed the site to highlight professional work and improve visibility.

Technologies : Next.js, Tailwind CSS

Project URL : [view my portfolio](#)

AI ESSAY GENERATOR (INDIVIDUAL)

2025 SEP

- The AI Essay Generator is a web application that generates structured essays with outlines, customizable tones, academic levels, and citation styles. It is mobile responsive and allows users to download essays as PDF.
- I gained valuable experience in prompt engineering, LLM integration, and **full-stack development**.

Technologies : Next.js, Tailwind CSS, Next.js API

Project URL : [view my project](#)

AUTO VAULT – FREE VEHICLE REGISTRATION SYSTEM (INDIVIDUAL)

2024 OCT – 2025 DEC

- A web-based system to manage vehicle records with features to register, add, update, and remove details.
- Role: **Full-Stack Developer**
- Contributions: Built user authentication, CRUD functionalities, and a clean, user-friendly interface.

Technologies : Laravel , HTML ,CSS, TAILWIND CSS

Project URL : github.com/laravelproject

BACK-END DEVELOPMENT

- Node.js
- Ballerina

MOBILE APPS DEVELOPMENT

- React Native

DATABASES

- MySQL
- MS SQL

VERSION CONTROL

- GitHub

OTHER TOOLS

- Figma

PARTICIPATIONS

- Code Rush - 2024
- HackElite - 2024
- Benchmark 3.0
- MoraXtreme 9.0
- Hack Like a Girl 2.0

CERTIFICATES

- Certifications are available on my linkedin page

NON-TECHNICAL SKILLS

- Problem solving
- Team work
- Effective communication
- Time management
- Hard working
- Patience

EXTRA CURRICULAR ACTIVITIES

- Contributed as the company coordinator of FIT FUTURE CAREER FAIR 2025.
- Contributed as the floor coordinator of FIT FUTURE CAREER FAIR 2024.

LANGUAGES

- Sinhala (Native)
- English (Proficient)
- Tamil (Intermediate)

KIDNEY TRACK – MOBILE APP FOR CKD PATIENT ACTIVITY MONITORING (INDIVIDUAL)

2025 JUL

- A mobile application developed under the Medical Technology Stream, Faculty of Medicine, University of Moratuwa, to help Chronic Kidney Disease (CKD) patients track physical activity and improve quality of life.
- Role: **UI/UX Designer**
- Contribution: Designed intuitive, patient-centric, and accessible interfaces.
- Experience Gained: UI/UX design, user-centered design thinking, and collaboration with a research team.

Technology : Figma

Link : dribbble.com/ckduidesign

LASSANA LANKA – SMART WASTE MANAGEMENT SYSTEM (TEAM)

HACKELITE 1.0 IDEATHON

2024 OCT

- A proposed mobile solution to address waste overflow and irregular garbage collection with IoT-enabled tracking and citizen engagement.
- Role: **UI/UX Designer**
- Contribution: Designed user-friendly interfaces for waste tracking and public participation.

Technology : Figma

Link : dribbble.com/lassnalankauidesign

ENTREIMATE LANKA – ONLINE FUNDRAISING PLATFORM (TEAM)

HACK LIKE A GIRL 2.0

2024 AUG – 2024 SEP

- A web platform to connect Sri Lankan entrepreneurs with investors and financial institutions, offering fundraising support and promotional tools.
- Role: **UI/UX Designer**
- Contribution: Designed intuitive, user-friendly interfaces to enhance engagement, accessibility, and ease of use.

Technology : Figma

Link : dribbble.com/entrimatelankauidesign

MARQUER – LINE DRAWING ROBOT (TEAM)

LEVEL 01 HARDWARE PROJECT

2023 MAY – 2024 JUL

- A robotic device capable of precision ground marking with reusable presets and remote control.
- Contribution: As a team member, Worked with microcontrollers, sensors, and motors to enhance accuracy and responsiveness.

Technologies : Arduino , C, EasyEDA

Project URL : linkedin.com/hardwareproject

ACHIEVEMENTS

- **HackElite 1.0 Ideathon Finalist - 2024** : Selected as one of the top 7 finalist teams at the HackElite 1.0 Ideathon organized by the University of Moratuwa WIE IEEE Student Branch.
- **Merit Award - CodeRush 2024 (7th Place)** - Recognized with a Merit Award for achieving 7th place as Team CelestialHeroines at the CodeRush 2024 Hackathon organized by INTECS, Faculty of IT, University of Moratuwa.

REFERENCE

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