DULANGA NIKESHALA

SOFTWARE ENGINEER INTERN

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ABOUT ME

I am a dedicated and enthusiastic undergraduate with a passion for achieving goals through smart work. I am always prepared to tackle new challenges and take pride in being a responsible team player with strong leadership qualities and a friendly demeanor. My adaptable nature and focus on productive targets make me a valuable addition to any team. I'm seeking an internship as a software engineer to apply my skills and explore new and existing technologies in the field of Information Technology.

EDUCATION

BSc.(Hons) Information Technology & Management   2023–2027
Faculty of Information Technology, University of Moratuwa.

Mahanama Central College   2013–2021
G.C.E. Advanced Level
G.C.E. Ordinary Level

PROJECTS

1. Visitor Management System (Group project)
Level 2 Software Project (2024–2025)

Developed a Visitor Management System (VMS) as part of a 5-member team for our second-year software project, guided by Zillione Technology. The web-based system was built for the University of Moratuwa to manage visitor appointments, check-ins, and access control using role-based access. It improves efficiency and security by allowing visitors to request meetings, hosts to manage time slots, security staff to track check-ins, and admins to monitor activity with analytics.

- **Role : Full Stack Developer**
- **Technologies : Node.js, Express.js, MongoDB, React.js(MERN stack)**

Frontend :GitHub Link   Backend :GitHub Link

2. BizRates Mobile App (Group project)
Sysco LABS (2024)

Developed the BizRates mobile app under the guidance of Sysco LABS using Figma. The app helps users find top-rated businesses through verified reviews, leaderboards, and smart recommendations. Key features include direct messaging, reward-based feedback, user profiles with badges, and community forums to enhance trust and user engagement.

- **Contribution: Designed user interfaces and conducted usability testing.**
- **Technologies : Figma for UI/UX design and prototyping**

Figmalink

3. Movie Hub (Individual project)
Laravel project (2024)

Built a full-stack Movie Management System using Laravel and React. The app lets users browse movies, save favorites, and log in with role-based access. Admins can add, edit, delete, and organize movies by category

- **Role : Full Stack Developer**
- **Technologies : React.js,Tailwind CSS, Laravel (PHP framework)**

Frontend/Backend :GitHub Link

4. Book Manufacturing Machine (Group project)
Level 1 Hardware Project (2023-2024)

"Book Manufacturing Machine" is a cost-effective and compact machine designed for home-based book manufacturing. It supports small-scale authors and notebook makers by offering key features like paper cutting, stapling, and folding. The machine helps users produce high-quality books while saving money, making it ideal for small businesses during economic challenges.

- **Contribution: Designed and built a paper tray module for smooth paper handling and feeding.**
- **Technologies :Arduino, C++**

TECHNICAL SKILLS

- **Programming Languages** : C, Java, JavaScript, PHP
- **Front-end Development :** HTML, CSS, React, Tailwind CSS
- **Back-end Development** : Node.js, Express.js, Laravel
- **Databases** : MongoDB, MySQL, MSSQL
- **Version Control** : Git
- **Design Tools** : Figma
- **IDEs** : VS Code, IntelliJ, CLion

INTERPERSONAL SKILLS

Problem Solving, Time Management, Effective Communication, Critical Thinking, Creativity

CERTIFICATIONS

- Web Design For Beginners - (CODL) University of Moratuwa
- Python For Beginners - (CODL) University of Moratuwa
- Introduction to C - Sololearn

ACHIEVEMENTS

- Code Rush 2023 Participant organized by INTECS
- Code Rush 2024 Participant organized by INTECS

EXTRACURRICULAR ACTIVITIES

- Member of Leo Club of University of Moratuwa
- School Prefect 2019-2021

REFEREES

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