SITHUMINI JAYASEKARA

Software Engineer Intern

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SUMMARY

Third-year undergraduate pursuing a BSc (Hons) in Information Technology at the University of Moratuwa, seeking a Software Engineering internship. Skilled in full-stack development, DevOps, and cloud technologies, with hands-on experience in building scalable applications and optimizing system performance. Strong problem-solving, teamwork, and communication abilities, with a proven drive to deliver innovative solutions. Excited to apply technical expertise and contribute to impactful projects while growing in a dynamic environment.

EDUCATION

University of Moratuwa   **Jan 2023 - 2027**
BSc (Hons) in Information Technology
   CGPA: 3.45

NIBM Sri Lanka, School of Computing   **Dec 2022 - May 2023**
Certificate Course in Computer Science

Maliyadeva Girls' College, Kurunegala   **Feb 2013 - Jan 2022**
GCE A/L(2021) - Biological Science | Z-score - 1.8036
   Physics (A), Chemistry (A), Biology (B)
GCE O/L (2018)
   Results - 9A's

PROJECTS

Hybrid Workspace Management System (HWMS)   **2024-2025**

Second Year Software Development Project - Mentored by **Wiley Global Technologies**

HWMS (Hybrid Workspace Management System) is developed to optimize workspace and parking resource allocation with real-time updates, visual dashboards, and an admin panel that simplifies the entire experience.

Contribution: Full-stack development of the Notification system, the Reports and Analytics system, and the User feedback system.
Technologies Used: React.js, NodeJS+Express, MongoDB
GitHub Repo: https://github.com/HWMS_frontend
              https://github.com/HWMS

Cartoon Generator App   **Ongoing**

A web application that integrates OpenAI's DALL·E model to generate cartoon-style images from natural language descriptions. Users can simply enter a subject into the form and instantly receive a cartoon image of that subject, making AI image generation interactive
Technologies Used: React, TypeScript, Vite, localstack, OpenAI API
GitHub Repo: https://github.com/Sjay2002/dalle-cartoon-generator.git

E-Commerce Website for Homemade Jewelry Shop   **2024**

A platform designed to sell homemade jewelry.

Contribution: Assisted in developing an e-commerce website.
Technologies Used: HTML, CSS, JavaScript
GitHub Repo: https://github.com/WebShop

Clean World   **2024**
For Ballerina 1.0 Competition

A platform designed to bring together community-driven environmental cleanups in one place. This empowers communities to stay connected, informed, and engaged by offering real-time updates and collaborative opportunities

Contribution: Frontend development of the Mapping page
Technologies Used: HTML, CSS, JavaScript, Ballerina, MySQL
GitHub Repo: https://github.com/mysticoders

[Beatify](https://github.com/Sjay2002/Beatify)

Ongoing

A music player web application inspired by Spotify, designed to stream audio songs online. The platform allows users to browse music albums, play multiple songs, and control playback with intuitive song controller buttons. The UI is styled with Tailwind CSS, ensuring a modern and responsive design.
Contribution: Frontend development of the Beatify music player website
Technologies Used: React.js, Tailwind CSS
GitHub Repo: https://github.com/Sjay2002/Beatify

Power Measuring Device

2023

First Year Microcontroller-Based Application Development Project

Designed and developed a microcontroller-based IoT solution to accurately measure voltage and current of individual devices, calculate power usage, and display real-time insights through a user-friendly web interface to help users monitor and optimize their energy consumption.
Technologies Used: Arduino, ESP32, Firebase, HTML, CSS, JavaScript

TECHNICAL SKILLS

Languages- Java, JavaScript, Python, C

Frontend- React.js, HTML,Tailwind CSS

Backend- Node.js, Express

Databases- MySQL, MongoDB, Firebase

Tools- GIT(GitHub), Canva, Figma, Lucidchart

CERTIFICATIONS

- Python for Beginners - University of Moratuwa
- Web Design for Beginners - University of Moratuwa
- Career Essentials in Software Development by Microsoft and LinkedIn

All other certifications are displayed on my LinkedIn profile

VOLUNTEER WORK & AFFILIATION

Organizing Committee Member, IT LEGACY 1.0 (Community Services-2024)

- Served as a member of the Organizing Committee for Road to Legacy 1.0 (2024), contributing to the planning and execution of the event.

Volunteer at IEEE Student Branch University of Moratuwa

- Volunteered as a Publicity Committee Member, MoraUXplore 2.0 (2024)

Volunteer at Rotaract Club of University of Moratuwa

- Volunteered as an Organizing Committee Member, Monster Mash 2.0 (2023)
- Volunteered as an Organizing Committee Member, "Manusath Handa" (2024)

COMPETITIONS

Innovate with Ballerina

Nov 2024

Participated with the project Clean World, Innovate with Ballerina Coding Challenge.

MoraXtreme Coding Competition

Oct 2024

MoraExtreme 9.0(2024) - Participant, Organized by IEEE University of Moratuwa.

HackElite 1.0

Oct 2024

HackElite 1.0 - Participant, IEEE WIE Student Branch Affinity Group of University of Moratuwa

EXTRA CURRICULAR ACTIVITIES

- 1st Class Girl Guide - Sri Lanka Girl Guides Association
- Media Unit - Maliyadeva Girls' College, Kurunegala

REFEREES

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