SITHUMINI JAYASEKARA *Software Engineer Intern*

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📍 Kurunegala, Sri Lanka 🔗 https://sithuminijayasekaraportfolio

🐙 https://github.com/Sjay2002 🌀 https://www.figma.com/@sjay

in https://www.linkedin.com

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

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

12/2022 – 05/2023 **Certificate Course in Computer Science,** *NIBM Sri Lanka, School of Computing*

02/2013 – 01/2022 **GCE A/L(2021) - Biological Science,** *Maliyadeva Girls' College, Kurunegala*
Z-score - 1.8036
Physics (A), Chemistry (A), Biology (B)
GCE O/L (2018)
Results 9A's

TECHNICAL SKILLS

Programming Languages
Java, JavaScript, Python, C

Frontend
React.js, HTML, Tailwind CSS,Veu.js

Backend
Node.js, Express

Databases
MySQL, MongoDB, Firebase

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

PROJECTS

2024 – 2025 **Hybrid Workspace Management System (HWMS),**
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 ⧉

2024	**Clean World,** *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 ⧉

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- GitHub Repo: https://github.com/mysticoders ⧉

2023 **Power Measuring Device,**

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

2025 **Personal-Portfolio** ⧉

Modern personal portfolio built with Vue 3 + Vuetify, featuring a framed hero image, downloadable CV, icon-driven skills, education logos, project gallery, and a working contact form.
- Technologies Used: Vue.js,HTML5, CSS3

GitHub Repo: https://github.com/myportfolio ⧉

Cartoon Generator App, *Ongoing project* ⧉

A web application that integrates OpenAl'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

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.
- Technologies Used: React.js, Tailwind CSS
- GitHub Repo:https://github.com/Sjay2002/Beatify ⧉

VOLUNTEER WORK & AFFILIATION

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

IEEE Student Branch University of Moratuwa, *Volunteer* ⧉
- Volunteered as a Publicity Committee Member, MoraUXplore 2.0 (202)

Rotaract Club of University of Moratuwa, *Volunteer* ⧉
- Volunteered as an Organizing Committee Member, Monster Mash 2.0 (2023)
- Volunteered as an Organizing Committee Member, "Manusath Handa" (2024)

CERTIFICATIONS

Python for Beginners - University of Moratuwa

Web Design for Beginners - University of Moratuwa

Career Essentials in Software Development by Microsoft and LinkedIn ⬀

Software Engineer Intern Certificate ⬀
HackerRank

Get started building with Power BI
Microsoft

All other certifications are displayed on my *LinkedIn profile* ⬀

COMPETITIONS

11/2024	**Innovate with Ballerina**	Participated with the project Clean World, Innovate with Ballerina Coding Challenge.
10/2024	**MoraXtreme Coding Competition**	MoraExtreme 9.0(2024) Participant, Organized by IEEE Student Branch, University of Moratuwa.
10/2024	**HackElite 1.0**	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, *Editorial Committee*
- Maliyadeva Girls' College, Kurunegala