AMALSHA MADUNETHMI

Intern Software Engineer

📍 Moratuwa, Sri Lanka　📞+94 76 370 3955　@ amalsha2001@gmail.com

Profiles

in linkedin.com/in/Amalsha　⭕ github.com/Amalsha

Summary

I am an undergraduate from the Faculty of Information Technology of University of Moratuwa, eager to grow by gaining practical experience in the software development world. I am passionate about IT solutions that can transform society by inspiring productivity while safeguarding privacy and wellbeing. As a creative and optimistic aspiring IT undergraduate, I have hands-on experience in NodeJS, ExpressJS, and Java. I am highly skilled at understanding key requirements and providing unique and creative solutions to meet customer needs.

Skills

Programming	Backend	Frontend	Database	Other
Java	NodeJS	JavaScript	MySQL	Git / GitHub
Python	ExpressJS	TypeScript	MSSQL	REST API
C	NextJS	React	MongoDB	Open AI
		HTML		cPanel
		Tailwind CSS		Figma

Education

B.Sc. (Hons) in Information Technology　　**2022 - Present**

UNIVERSITY OF MORATUWA

CGPA-3.3 (End of 3 Semesters)

G.C.E. Advanced Level - 2020

VISAKHA VIDYALAYA, COLOMBO 05.

Biology - A　Physics - B　Chemistry - B　General English - A

Projects

IKON Unified Project Workspace (Team)
Second-year software project
Role - Full Stack Developer

IKON Unified Project Workspace is a centralized platform that enhances collaboration and project management in digital marketing. As part of the team, I developed the Designer module and the Paid Media module of the system.
Technologies: Typescript, React, NodeJS, ExpressJS, MySQL

Smart Hire Portal | Full-Stack (Individual) (Ongoing)
Role - Full Stack Developer

I'm currently developing an AI-powered job hiring platform using the MERN stack. The site enables recruiters to post jobs and related questions, which outside users can view and answer. A fine-tuned AI model then analyzes the responses, categorizing them into good, moderate, or bad, and presents the results to the recruiter.
Technologies: TypeScript, React, NodeJS, ExpressJS, MongoDB, OpenAI, Python

Personal Portfolio Website (Individual)
Role - Full Stack Developer

My personal portfolio web page is a s responsive static web page featuring smooth Framer Motion animations, with intergrated email functionality and CV download option.
Technologies: TypeScript, NextJS, Tailwind CSS

Automated Hydroponic Farming Chamber (Team)
First-year hardware project

Developed a system to automate and optimize plant growth by integrating sensors and microcontrollers. It controls temperature, pH, and nutrient levels. I contributed by developing the temperature control system using sensors and cooling fans with an Atmega 32 microcontroller.

Technologies - C language, Atmel Studio, Proteus Simulation, EasyEDA, Atmega32, Sensors and Electronic components

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Competitions

Code Rush 2023 - Inter-Faculty Coding Competition- Participant

MoraXtream 8.0 (2023) - Programming Competition - Participant

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Personal Skills

- Communication
- Leadership
- Presentation Skills
- Critical Thinking
- Problem solving
- Adaptability

Co - Curriculars

Rotaract Club - University of Moratuwa
Prestigious Spirit of Service award - 2023
Co - chairperson - project Congrego - 2023
Company coordination - Are You Ready 2023 flagship fair

IEEE Student Branch - University of Moratuwa - member

SEDS Mora - University of Moratuwa - member

Astronomical Society - Visakha Vidyalaya - Vice President

References

Dr. Lochandaka Ranathunga
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I hereby certify that the information above is true and accurate to the best of my knowledge.

Amalsha Madunethmi