Rashini Nethmini

FINAL YEAR IT UNDERGRADUATE

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About Me

An enthusiastic, passionate, and self-motivated undergraduate with a great interest in problem-solving who is keen to start their career as a software engineer. An individual who is eager to learn and adapt to new technologies, with hands-on experience in software development, database management, and web applications. I am driven by a strong commitment to excellence and continuously seek opportunities to enhance my technical skills and contribute meaningfully to team goals in a work environment.

Education

BSc (Hons) in Information Technology| 2021–2025(Expected)
Faculty of Information Technology
University of Moratuwa, Sri lanka.
Current GPA: 3.58 (Up to Level 3 Semester 2)

G.C.E. Advanced Level Examination | 2019
Panadura Balika Maha Vidyalaya, Panadura
Common Stream : Combined Mathematics–B |Physics—B |ICT-English Medium—A |Z-score: 1.9054

G.C.E. Ordinary Level Examination | 2016
Panadura Balika Maha Vidyalaya, Panadura.
8As,1 B (ICT- A)

Technical Skills

Programming Languages:
Java, C#, Python, C

Web Development:
HTML, CSS, JavaScript, ReactJS, NextJS, VueJs, ReactNative, NodeJs, ASP.NET Core

Database:
MySQL, MSSQL, MongoDB

IDEs:
IntelliJ IDEA, CLion, Visual Studio, Code Blocks, VSCode, Atmel Studio, Android Studio

Version Controlling:
Git

Other:
Figma, Photoshop, KiCad, SketchUp, Proteus Simulation, Cucumber, Playwright

Experiences

Software Engineer Intern
hSenid Business Solutions | January 2024–July 2024

Web Developer
Rotaract Club |University of Moratuwa

Deputy Head Prefect | Junior
Panadura Balika Maha Vidyalaya| 2014-2015

Projects

Multifunctional Massaging Chair
First Year | Hardware Project
An automated massage chair which offers a wide variety of features. It is an innovative solution for individuals with health problems brought on by prolonged computer usage. The massaging chair includes a footrest, a massager, a lumbar supporter, a backrest and proper seat conditioning. It's also programmed to immediately switch off if a user is not sitting on it. This implementation helps the user maintain safety and save energy.
Role: Team Member|Programmer (implemented lumbar supporter)
Technologies: C language, Atmel Studio,Proteus Simulation ,Atmega 32, KiCad

AppoMo -Appointment Management System

Second Year | Software Project

AppoMo is an Appointment Management System with a mobile and web application. Customers can submit issues regarding their electronic equipment and schedule appointments through the mobile app. Service providers use the web app to view, accept, or reject the submitted issues and manage appointments. Integrated CaaS and SMS APIs enable an advanced payment option and SMS notifications respectively.

Role: Team Member|Full-Stack Developer

Technologies: ReactJS, ReactNative, MongoDB, NodeJS

Donation Management System

hSenid Business Solutions | Intern Project

This project is a Donation Management System developed for the Sri Lanka Rupavahini Corporation to streamline and efficiently manage the donation process. The system enables administrators to add and manage details of projects requiring funding, while allowing donors to contribute both money and items. It also includes features for auditors to review and approve monetary donations, ensuring transparency and accountability.

Role: Team Member|Full-Stack Developer

Technologies: VueJS, ASP.Net Core, MSSQL

Car Rental Website |Ongoing

This system allows customers to choose vehicles from a filtered list according to rental dates, rental and return locations, and automobile type. Users may easily make reservations using the system, which also offers safe payment processing.

Role: Team Member|Full-Stack Developer

Technologies: NextJS, ASP.Net Core, MYSQL

Automated Step-By-Step Visual Performance Guide Generation from Sinhala Demonstration Videos

Final Year Project |Ongoing

A system which automatically generates visual performance guides from Sinhala demonstration videos, allowing viewers to quickly grasp key information through synchronized text and visuals.

Technologies: NLP, Python

Certifications

CS50: Introduction to Computer Science

Natural Language Processing

| Great Learning Academy

Introduction to DevOps

| Great Learning Academy

Participations

Realhack 4.0 competition |participant

MoraXtreme 7.0 |participant

Event-OCTWAVE | Webinar on Artificial Intelligence and Machine Learning |participant

Extracurricular Activities

Vidunana Dahara Project | Leo Club| University of Moratuwa| Member

Care for You Project| Leo Club| University of Moratuwa| Member

Soft Skills

Teamwork, Adaptability, Honesty, Leadership, Creativity, Communication

References

Dr. Saminda Premaratne

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Department of Information Technology,

Faculty of Information Technology,

University of Moratuwa.

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Mr. Chathura Hapuwalana

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