Rashini Nethmini

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About Me

An enthusiastic, passionate, and self-motivated IT graduate 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

Faculty of Information Technology

University of Moratuwa, Sri Lanka.

GPA: 3.67(Second Upper Class) |L4S2 SGPA: 4.03 (Dean's List)

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, Spring Boot, WordPress

Database:
MySQL, MSSQL, MongoDB, PL/SQL

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

Version Controlling:
Git

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

Experiences

Software Engineer
IFS R&D International (Pvt) Ltd | November 2025–January 2026

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

Integrated ERP Solution for Manufacturing Operations |IFS | Training Project
Designed and implemented an ERP system using IFS Applications to manage Inventory, Sales, and Manufacturing processes. Automated inventory tracking, customer orders, and shop order workflows using state machines to replace manual spreadsheet-based operations and reduce errors.
Technologies: PL/SQL, IFS Framework

Work Assignment Management System |IFS | Mini Project

Developed a work task and work assignment management module with database modeling, UI pages, and state machine–based lifecycle handling.

Technologies: PL/SQL, IFS Framework

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, WordPress

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

Final Year Research Project

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

AppoMo -Appointment Management System

Second Year | Software Project

AppoMo is an appointment management system with mobile and web apps. Customers submit equipment issues and book appointments via the mobile app, while service providers use the web app to review issues and manage appointments. The system supports online payments and SMS notifications through integrated APIs.

Role: Team Member|Full-Stack Developer

Technologies: ReactJS, ReactNative, MongoDB, NodeJS

Hospital Management System

A microservices-based hospital management system that offers specialized services for managing patients, doctors, and appointments while guaranteeing scalability and effectiveness.

Technologies: Spring Boot, MYSQL

Multifunctional Massaging Chair

First Year | Hardware Project

An automated massage chair with a footrest, massager, lumbar support, seat conditioning, and automatic shut-off ensures comfort, safety, and energy efficiency.

Role: Team Member|Programmer (implemented lumbar supporter)

Technologies: C language, Atmel Studio,Proteus Simulation ,Atmega 32, KiCad

Certifications

CS50: Introduction to Computer Science	Introduction to DevOps| Great Learning Academy
Natural Language Processing	Great Learning Academy	IFS Cloud New Software Engineer Program

Participations

Realhack 4.0 competition |participant	**Event-OCTWAVE**	Webinar on Artificial Intelligence and
MoraXtreme 7.0 |participant	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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