



DINUSHA HERATH

IT AND MANAGEMENT UNDERGRADUATE

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PROFILE

As a 3rd year IT & Management undergraduate at the University of Moratuwa, I am passionate about software engineering and eager to apply my skills in real-world projects. With a solid background in programming, problem-solving, and teamwork, I am seeking a Software Engineer role where I can contribute to impactful solutions, enhance my technical expertise, and grow within a collaborative industry environment.

PROFESSIONAL EXPERIENCE

Junior Software Engineer (Intern)
Pearl Matrix Solutions (PMS)

Nov 2023 -May 2024

EDUCATION



University of Moratuwa - Faculty of Information Technology

Reading for B.Sc.(Hons) Degree in Information Technology and Management
(Expected in 2027)



MO/Royal college - Monaragala

GCE Advanced Level Examination (2021)

Z-Score 1.6760

Geography : A Sinhala : A Information Communication Technology : B

GCE Ordinary Level Examination (2018)

3 A's , 3 B's ,3 C's

PROFESSIONAL SKILLS

- **Programming Languages:** Java, C, Python
- **Web Development:** React, JavaScript, HTML, CSS, Tailwind CSS, Bootstrap
- **Backend & Frameworks:** Node.js, Express
- **APIs & Tools:** REST APIs, Postman
- **Databases:** MongoDB, MySQL, MSSQL
- **Version Control:** Git, GitHub
- **UI/UX & Design:** Figma, Adobe Illustrator, Adobe Photoshop, GIMP
- **Project Management:** Jira
- **IDEs & Tools:** Visual Studio Code, CLion, CodeBlocks

SOFT SKILLS

- Team Work
- Leadership
- Problem Solving
- Creativity
- Visual Thinking

LANGUAGES

- English
- Sinhala

PROJECTS

Jobportal- CV Analyzing and Ranking Web Application (Level 2 Software Project)

Role – Full Stack Developer

Technologies: MERN Stack (MongoDB, Express.js, React.js, Node.js)

Oct 2024 – Jul 2025

Developed a web-based CV and job application platform with ranking, tracking, and career counseling features in collaboration with Insighture.

A Smart Diagram Drawer and Eraser(level 1 Hardware project)

Aug 2024 – Jan 2024

Role – IOT Developer

Built an autonomous hardware tool to draw user-input diagrams via touchscreen and Bluetooth. Integrated a precise erasing mechanism for easy editing. Contributed to circuit design, motor control, and system debugging as part of a team.

Client Website Development with Pearl Matrix Solutions (PMS)

Nov 2023 – May 2024

Developed responsive and user-friendly client websites, integrating front-end and back-end features with database support. Collaborated with teams to gather requirements and deliver scalable solutions. Optimized performance, security, and usability to enhance client satisfaction.

Giftee – E-commerce Web Application

Dec 2024

Role – Full Stack Developer

Technologies: Laravel, PHP, MySQL

Developed a personalized gift e-commerce web app using Laravel with features like product listing, user authentication, cart, and order management.

Personal Portfolio Website (Individual Project)

Nov 2025 –Dec 2025

Role – Full Stack Developer

Technologies: React.js,Tailwind,Three.js

Created a personal portfolio frontend featuring an interactive UI to showcase my projects, skills, tech stacks, and personal background.

MommyCare Web App

Jun 2025 – Dec 2025

Role – Full Stack Developer

Technologies: React, TypeScript, Tailwind CSS, Node.js + Express

Building a smart maternity and baby care platform with role-based access for users like mothers and doctors, featuring AI predictions, secure login, and real-time responsive dashboards.

Crick-Mate Mobile App (Individual Project)

Dec 2025 – Dec 2025

Role – Full Stack Developer

Technologies: React Native (Expo), TypeScript, Tailwind CSS, Node.js, Express.js,MongoDB

Cricket was once easy to organize, but today busy lifestyles make finding players, teams, and grounds a real challenge. CrickMate bridges this gap with a smart, location-based mobile platform.

HACKATHONS

- Tech-Triathlon 2024 (participant)
- CodeRush 2024 (participant)
- Benchmark 3.0 (participant)

EXTRA CURRICULAR ACTIVITIES

- Design Member – FinnC'25 & FUTURO 3.0 Events (2025)
- Design Member – INTEC Design Committee
- FIT Tunes Member – Singer
- Member of the School SCOUT Team

REFERENCES

Nipuni Chandimali

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