DHANUSHIKA MADUSHANI

FULL-STACK DEVELOPER
GRADUATED

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PROFESSIONAL SUMMARY

Recent BSc (Hons) Computing and Software Engineering graduate with hands-on experience in full-stack development and a strong foundation in JavaScript, Python, PHP, and Java. Skilled in building scalable web applications with React, Node.js, Laravel, and modern UI/UX principles. Passionate about creating user-friendly solutions and eager to contribute to innovative projects in a collaborative environment.

EDUCATION

Cardiff Metropolitan University
BSc (Hons) in Computing and Software Engineering (2022 – 2025)

SKILLS

Technical Skills

- Programming Languages: JavaScript, Python, PHP, Java, C#
- Frontend: React, HTML5, CSS3, Tailwind CSS, Bootstrap, UI/UX Design
- Backend: Node.js, Express.js, Laravel
- Databases: MongoDB, MySQL, Firebase
- APIs: RESTful APIs, TMDB API Integration
- Machine Learning: Python, Scikit-learn, Pandas, Matplotlib

Tools & Platforms

- Git, GitHub, Visual Studio Code, Android Studio, Postman
- Agile/Scrum Methodologies

Soft Skills

- Communication & Collaboration
- Problem-Solving & Critical Thinking
- Time Management & Adaptability
- Team Leadership & Mentoring
- Attention to Detail & Creativity

PROJECT

Personal Projects

Doctor Appointment Booking System (MERN Stack)

Individual Project | May 2025– Present

- Designed and developed a secure web app with role-based authentication, enabling appointment scheduling and payment integration for 100+ users.
- Technologies: React, MongoDB, Express.js, Node.js, Bootstrap
- GitHub Repo

Movie Exploration App (React)

Individual Project | Apr 2025– May 2025

- Built a responsive movie browsing app using TMDB API, featuring dynamic search and reusable UI components.
- Technologies: React, JavaScript, SCSS, Bootstrap
- GitHub Repo

E-Commerce Website

Individual Project | Apr 2024 - May 2024

- Developed a platform with product browsing, cart management, and secure checkout.
- Technologies: Laravel, PHP, MySQL, Bootstrap

Web Application for a Restaurant

Individual Project | Aug 2024– Nov 2024

- Created a system for managing orders, reservations, and menus with responsive design.
- Technologies: Java, MySQL, JavaScript, Bootstrap
- GitHub Repo

CERTIFICATIONS

- React JS Tutorial — Great Learning Academy (Nov 2024)
- Front-End Web Development — University of Moratuwa (Mar 2025)
- Python for Beginners — University of Moratuwa (Dec 2024)

REFERENCES

Mr. Induranga Chamendra,
Senior Lecturer,
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Academic Project

Agriculture Service Platform

Individual Project | Mar 2025– Apr 2025

- Created a dynamic website for farmers with service forms and real-time updates.
- Technologies: PHP, JavaScript, Tailwind CSS, MySQL
- GitHub Repo

Waste Management System

Individual Project | Oct 2023– Dec 2023

- Designed a full-stack solution for waste tracking and reporting with optimized database interactions.
- Technologies: PHP, C++, Java, MySQL, Bootstrap

Train Ticket Booking System

Individual Project | Mar 2023– Apr 2023

- Built a .NET-based system for online/offline ticket booking with seat selection and API access.
- Technologies: C#, .NET, MySQL, APIs

Machine Learning Projects (Freelance)

Individual Project | Mar 2025– Apr 2025

- Applied ML algorithms for predictive analytics and automation with data preprocessing.
- Technologies: Python, Scikit-learn, Pandas, Matplotlib