DHANUSHIKA MADUSHANI

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FULL-STACK DEVELOPER
Intern/Trainee

PROFESSIONAL SUMMARY

Accomplished Software Engineer with a successfully completed BSc (Hons) in Computing and Software Engineering from Cardiff Metropolitan University. Proficient in full-stack development with expertise in programming languages including JavaScript, Python, PHP, Java, and C#. Delivered innovative solutions through projects such as a MERN-based Doctor Appointment Booking System and a TMDB-integrated Movie Exploration App. Skilled in React, Laravel, UI/UX design, API integration, and machine learning. Passionate about crafting scalable, user-centric applications and collaborating in agile environments to drive technological advancements.

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

Self Experience

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:https://github.com/DhanushikaGit/Appoinment_Booking_System

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: github.com/DhanushikaGit/movie_explore_app

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 : github.com/DhanushikaGit/ABC-restaurant

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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Mr. Kanchana Wimalasurendre,
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 : github.com/DhanushikaGit/Agriculture_Services

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, Matplotli