ANURADHA DILRUWAN

SOFTWARE DEVELOPER

Homagama, Western Province, Sri Lanka
+94760622620

anuradhadilruwan5@gmail.com

GitHub: https://github.com/Dilruwan21
Linkedin: https://www.linkedin.com/in/anuradhadilruwan
Portfolio: https://my-portfolio-henna-phi-34.vercel.app/

SUMMARY

Software Engineering graduate with a Second Class Upper Honours (2:1) degree from Plymouth University. Hands-on experience in MERN Stack, Python, Java, and Machine Learning. Skilled in building scalable web applications and integrating AI. Experienced in agile teams, with strong problem-solving skills and knowledge of REST APIs, Docker, CI/CD pipelines, and Azure services.

TECHNICAL SKILLS

- React.js, HTML, Bootstrap, Tailwind CSS
- Node.js, Express.js, PHP, Python, Java
- MongoDB, SQL
- AWS, Azure
- REST APIs, JWT Authentication
- Agile/Scrum
- AI & ML
- Git, Docker, CI/CD

PROFESSIONAL EXPERIENCE / PROJECTS

AI-Driven Tea Factory Supply Chain Optimization (Final Year Individual Project)   May 2024 - May 2025

- Developed and deployed a production-grade **MERN stack** application with **Python-based AI integration**, serving three user roles: Manager, Supplier, and Transporter
- Features: AI yield prediction, factory operations tracking, transport logistics, analytics
- Technologies: React.js, Node.js, Express.js, MongoDB, Python, Tailwind CSS

Modern Hotel Reservation System (MERN Stack)   Aug 2024 - Sep 2024

- Developed full-stack booking platform using **MERN stack** (React, Node.js, MongoDB)
- Implemented dynamic pricing with real-time discounts and flexible 25% deposit system
- Built responsive admin dashboard and mobile-friendly user interface

Sportswear E-Commerce Platform   Sep 2024 - Dec 2024

- Developed full-featured online store with **React** frontend, **Node.js/Express** REST API backend, and **MongoDB** database
- Implemented secure **JWT authentication** system with protected routes
- Built shopping cart functionality with local storage persistence and admin dashboard for inventory/order management

EDUCATION

Bachelor of Science (Honours) in Software Engineering   Sep 2022 – Present
Plymouth University (UK) / NSBM Green University
Second Class Upper Division (2:1)

GCE Advanced Level Examination (Maths Stream)
Dharmapala College Bandarawela │ 2021

LANGUAGES

- English (Professional)
- Sinhala (Professional)

REFERENCES

Dr. Rasika Ranaweera
Senior Lecturer, Department of Software Engineering, Faculty of Computing

- Phone: +94 11 544 5000
- Email: ranaweera.r@nsbm.ac.lk