

# B.M. Dilantha Nayanajith

## Software Engineer Student | Full Stack Developer (React, Node.js) | Cloud & DevOps Enthusiast

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GitHub: [github.com/DILANTHA9590](https://github.com/DILANTHA9590)

### Professional Summary

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Aspiring Full Stack Developer with strong foundational knowledge in software development, cloud computing, and DevOps practices. Experience in building responsive full-stack applications and understanding of CI/CD concepts, cloud platforms, and version control. Currently pursuing a BSc (Hons) in Software Engineering and seeking an internship to apply and grow in a real-world tech environment.

### Education

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#### **BSc (Hons) in Software Engineering (*Top-Up Pending*)**

ICBT Campus – Cardiff Metropolitan University, Kandy, Sri Lanka

Higher Diploma Completed: March 2025 | Final Year Starting Soon

- Successfully completed the Higher Diploma component
- Awaiting commencement of the Top-Up (final year) to complete full degree
- Focus Areas: Software development, system architecture, web technologies, project planning

#### **Diploma in Information Technology**

May 2022 – Nov 2022

ESOFT Metro Campus, Ampara, Sri Lanka

Covered programming fundamentals, networking, and IT systems

#### **Diploma in English Language**

May 2022– Nov 2022

ESOFT Metro Campus, Ampara, Sri Lanka

Improved English proficiency for academic and professional communication

## Projects

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### Cosmetic E-Commerce Website — Full Stack Developer

Dec 2024 – Feb 2025

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

- Developed a fully responsive e-commerce platform with a MERN stack
- Implemented JWT and Google OAuth for secure user authentication
- Built a feature-rich admin dashboard for inventory and order management
- Designed a dynamic shopping cart with real-time product updates
- Live Demo: **Cosmetic Store**
- Frontend Repository: <https://github.com/DILANTHA9590/cbc-frontend>
- Backend Repository: <https://github.com/DILANTHA9590/node-backend>

### Hotel Room Booking System — Full Stack Developer

Feb 2025 – April 2025

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

- Created a hotel booking platform with real-time room availability
- Integrated email verification system using Node Mailer
- Secured user login and registration with JWT authentication
- Developed an admin panel for managing bookings and tracking analytics
- Live Demo: **Hotel Booking**
- Frontend Repository: <https://github.com/DILANTHA9590/Hotel-booking-frontend>
- Backend Repository: <https://github.com/DILANTHA9590/-hotelbookingbackend>

### Veterinary Appointment Platform — Full Stack Developer

May 2025 – Aug 2025

**Technologies:** MERN Stack (MongoDB, Express.js, React.js, Node.js), Framer Motion, Zod Validation

- Developed a veterinary appointment and doctor scheduling platform tailored for Sri Lanka's pet care industry.
- Created detailed doctor profiles with appointment booking functionality.
- Implemented smooth and responsive UI animations and transitions using **Framer Motion** to enhance user experience.
- Applied **Zod** schema validation on frontend forms to ensure secure and accurate user input handling.
- Built backend APIs for appointment management, notifications, and data persistence.
- Practiced full-stack development best practices by integrating frontend and backend seamlessly in a self-learning project.
- Live Demo: **Paws Care**
- Frontend Repository: [DILANTHA9590/paws\\_care\\_frontend](#)
- Backend Repository: [DILANTHA9590/Paw-care-backend](#)

## Certifications

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- AWS Developer Essential (2025)
- DevOps Foundations (2025)
- Linux Command Line proficiency (2025)
- Generative AI Fundamentals (2025)
- AI Application Security (2025)
- Python programming (2025)
- Docker Foundation Professional (2025)

## Technical Skills

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- Programming Languages: Java, JavaScript (ES6+)
- Front-end: HTML5, CSS3, React.js, Tailwind CSS, Framer Motion
- Back-end: Node.js, Express.js
- Databases: MongoDB, MySQL
- DevOps & Tools: Git, GitHub, VS Code, Docker, Postman, Chrome DevTools
- Cloud & Deployment: AWS, Vercel, Netlify, Render, CI/CD pipelines

## Soft Skills and Interests

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**Areas of Interest:** Building Full Stack Web Applications, Exploring Cloud Technologies (AWS, Serverless), Learning and Applying DevOps Best Practices

**Soft Skills:** Team Work, Designing, Problem-solving, Adaptability, Time management, Communication

## Language

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Sinhala (Native)

English (Conversation)