

DILATHMA VITHANA



CONTACT

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SKILLS

- Programming & Databases: Java, C#, C, PHP, JavaScript, MySQL, Oracle SQL, MongoDB
- Web Development: HTML5, CSS, Bootstrap
- Tools & Frameworks: XAMPP, PhpMyAdmin, NetBeans, Git/GitHub, Canva
- Soft Skills: Time Management, Team Collaboration, Communication, Problem-Solving, Adaptability

LANGUAGES

- English
- Sinhala

REFERENCE

Mrs. Chandula Rajapaksa
Consultant / Lecturer – NIBM
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PROFILE

Second-year Software Engineering undergraduate at NIBM with a strong foundation in Java, C#, PHP, and web development technologies. Skilled in building user-friendly applications, database integration, and full-stack systems. Passionate about problem-solving, teamwork, and continuous learning, with hands-on project experience in both academic and freelance settings.



WORK EXPERIENCE

Global Vision Pvt Ltd 2024
Data entry (part time)



EDUCATION

Higher National Diploma in Software Engineering
NIBM (2024 – Present)

Diploma in Software Engineering
NIBM (2023 – 2024)

Certificate in Software Engineering
NIBM (2023)

GCE O/L – Good Shepherd B.M.V. (2023)
7As,1B,1C

Certificate in Research Methodology
University of Jayawardanapura (2025 – Present)

Certificate in MERN Stack
SKYREK Academy (2025 – Present)



PROJECTS

Timber Company Management System

A full-featured management solution for New Sedawatta Timber Stores (Pvt) Ltd. Automates inventory, orders, supplier tracking, deliveries, financials, and employee management. Developed with HTML, CSS, PHP, MySQL.

Automated Response System

IoT-based smart system integrating air pressure (BMP280), MPU6050 accelerometer, gyroscope, and water-level sensors. Data is stored in Firebase for real-time monitoring and automation.

Automated Response App

Android application (Java, Firebase) that connects with IoT devices to display and manage sensor data through a dashboard. Provides a mobile interface for the Automated Response System.

Tuition Application (TutionApp)

Android app with admin and student dashboards. Supports user login, class scheduling, and academic management. Built with Java, Firebase, Gradle.

Hotel Management System (web-second)

A hotel operations management web application created for Plaza Athenee Hotel. Developed with HTML, CSS, PHP, JavaScript to manage bookings, customer details, check-ins/outs, and billing.

UrbanFood

E-commerce and food delivery management system with integrated MongoDB backend. Includes order processing, sales reporting, and restaurant management.

GUI Coursework Project (GUI-CW-2024)

Windows-based GUI application using C#/.NET to demonstrate user interface design and backend logic integration.

Enterprise Application Development Coursework (EAD1-CW-2024)

Bookstore management application integrating Java, SQL databases, and a packaged JAR application for retail workflows.

DMW Coursework (DMW-CW)

Coursework project demonstrating programming, data management, and software engineering concepts.

Other Academic Projects

Includes smaller-scale coursework repositories exploring modern web technologies, backend development, and software engineering practices.



CERTIFICATIONS

- SQL (Basic) Certificate – HackerRank (2025)
- CSS (Basic) Certificate – HackerRank (2025)
- Deep dive into Java with Oracle Academy – Certificate of Attendance – Oracle (2025)
- Oracle Cloud & Databases – Certificate of Attendance – Oracle (2025)
- Web Design for Beginners – University of Moratuwa (2025 – Present)
- Cracking the Internship Hunt – University of Jayawardanapura IEEE branch (2025)
- MindCraft AI bootcamp – GitHub Student Chapter (2025)



MEMBERSHIPS & ACTIVITIES

- IEEE – Member (Jan 2025 – Present)
- Leadership Project: 'How to Get Ready for Exams & Road to Future with ICT' – Conducted for Grade 10 students
- Extra Research: Exploring the use of AI to predict heat tolerance in coral reef species by analyzing environmental DNA (eDNA).