



# WIJEGUNAWARDHANA G.P.W

Undergraduate BSc. Information Technology

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## About Me

I am a passionate and dedicated 4th-year undergraduate with a strong background in the IT field. My expertise lies in full-stack development, and I am committed to leveraging my skills to drive impactful results. With a proven track record from my internship, I thrive in dynamic environments where I can apply my problem-solving abilities and innovative thinking. I am constantly seeking opportunities to learn and grow, and I bring a collaborative approach to every project I undertake. My goal is to contribute to meaningful work that makes a difference.

## Technical Skills

- Programming Languages: JavaScript, Python, Java, HTML, CSS
- Frameworks & Libraries: React, Node.js, Express.js, Bootstrap, Spring Boot
- Database Management: MySQL, MongoDB, Firebase
- Version Control: Git, GitHub
- APIs: RESTful API design and integration

## Development Tools

- IDEs: Visual Studio Code, IntelliJ IDEA
- Cloud Platforms: AWS, Heroku

## Soft Skills

- Problem-Solving: Strong analytical and troubleshooting abilities
- Collaboration: Effective teamwork and communication in cross-functional teams
- Time Management: Ability to prioritize tasks and meet deadlines

## Experience

**Full Stack Developer intern** 21/03/2024- 23/09/2024

**Ewis career training center**

As a Full Stack Developer intern at EWIS Career Training Center, I gained hands-on experience in both front-end and back-end development. During my internship, I worked on designing and implementing web applications, collaborating with cross-functional teams to deliver high-quality software solutions. I was responsible for developing user interfaces, integrating APIs, and optimizing database interactions to enhance performance. This experience honed my skills in problem-solving, debugging, and code optimization, while also deepening my understanding of industry best practices. My time at EWIS solidified my passion for full-stack development and equipped me with the tools to tackle complex challenges in the IT field.

## Education

Undergraduate  
BSc (Hons) Degree in Information Technology 2021-2025  
Specialized in Information Technology  
Sri Lankan Institute of Information Technology(SLIIT).

HR Management Course  
Open University , 2019-2020  
Sri Lanka

## Certifications

- AWS Certification
- Mongo DB certification

## Extra-Curricular Activities

- Member Of Leo Club
- Member Of IEEE Society

## Languages

**Programming Languages**-JavaScript, JAVA, Python,HTML,CSS.

**Spoken**- Sinhala(native) , Tamil(fluent), English(fluent)

# Projects Done

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## **Educational Management Web Application: WINS (Group Project)**

Developed a comprehensive web application to streamline educational management processes. The system included features for student enrollment, attendance tracking, grade management, and communication between teachers and parents. Implemented using PHP, HTML, and CSS, with a MySQL database.

## **Car Rental System - (Group project)**

Developed a comprehensive transportation management system that allows users to book and manage transportation services. Integrated real-time scheduling, vehicle tracking, and route optimization features. Utilized Java for backend logic, MySQL for database management, and CSS/HTML for the frontend interface to ensure an intuitive user experience.

## **Tuition Class Management System Web Application: SIKSHA (Group Project)**

Created a web application to manage the operations of a tuition class. The system allowed for scheduling classes, managing student records, tracking payments, and generating reports. Built with a focus on user-friendly interfaces and robust database management using React, Spring Boot, and MongoDB.

Did the Assets Management Function

## **Meddonate Mobile App**

Designed and built "Meddonate," a mobile application aimed at connecting donors with patients in need of medical supplies. The app uses React for the frontend, Firebase for real-time data synchronization, and Java for backend services. Implemented features such as donation tracking, user authentication, and notifications to streamline the donation process.

## **Virtual Fitting Room: Glamour Grab (Group Project)**

Designed and implemented a virtual fitting room application that allows users to try on clothes online. The project involved integrating 3D modeling and real-time image processing, enhancing the e-commerce experience. Used MERN stack.

Did the Virtual Dressing room with personalized model creation using Blender Tool

## **Online Fitness Center:**

Developed a social media application focused on fitness, where users can share their workout routines, track progress, and engage with a community of fitness enthusiasts. The platform included features for user profiles, content sharing, live virtual classes, and integration with wearable fitness devices. This project combined social networking with fitness tracking, creating an interactive and supportive environment for users.

Did the Schedule management using Spring Boot, React and Mongo DB

## **Single Projects Done**

### **E-Commerce Web Application: Case Cobra (single project)**

Developed a web application named "Case Cobra" to manage legal cases and client interactions for law firms. The application featured case tracking, document management, and client communication tools. Utilized JavaScript, Express.js, and PostgreSQL for development.

Used Next.js, React and MongoDB

### **Online Chat App: (Single Project)**

Built an online chat application that supports real-time messaging between users. The app was developed as a single project to demonstrate the use of Web sockets for real-time communication, with a focus on a clean and responsive user interface.

### **ChatBot- Project**

a simple chatbot with voice input and output, using Materialize for UI design. It supports light and dark modes and responds to user input both through text and voice.

### **college-courses-api**

full-stack application uses React.js for the frontend and Java Spring Boot with JPA for the backend. It manages and displays college details, including courses, fees, durations, and accommodation options. Key features include responsive design and APIs to retrieve college and course information, ensuring a user-friendly experience.

### **BargainBazzar- E-commerce Application**

Full stack web application using Mern Stack . Online Purchasing ability was provided.

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## **References**

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**Ms. Pubudini Jayakodi.**  
**Assistant Lecturer,**  
**Department Of Financial Mathematics and**  
**Applied Statistics,**  
**Faculty Of Humanities and Sciences,**  
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