

Deshan Wijethunga

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🌐 PortFolio

🌐 Deshan

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👤 Summary

A 4th-year Software Engineering undergraduate at the University of Westminster with one year of industry experience in full-stack development. Passionate about tackling challenges and delivering efficient solutions. Developed a Leave Management System at CDRD and a company website at Apex Innovations, also contributing to a jewelry e-commerce platform. Skilled in web development, database management, and problem-solving, with a strong work ethic and commitment to excellence.

🏢 Work Experience

CDRD (Ministry of Defense)

Sep 2023 - March 2024: *Intern Software Engineer*

Project Summary: Leave Management System

- Designed and developed a Leave Management System to streamline employee leave requests and approvals.

Contribution:

- Led the end-to-end development, including UI design, database integration, and system optimization.
- Tech Stack: Tech Stack: HTML, Bootstrap CSS (Front-End), PHP (Back-End), MySQL (Database).

Apex Innovations (Pvt) Ltd.

March 2024 - Sep 2024: *Intern Software Engineer*

Projects Summary: Company Website and Jewelry Website Contribution:

- Developed the company website, linking completed projects to relevant sites
- Tech Stack (Company Website) : (Front-End: HTML, Bootstrap CSS, JavaScript)
- Contributed to a jewelry e-commerce platform, designing key pages and integrating features for purchases and custom orders
- Tech Stack (Jewelry Website) : (Front-End: ReactJs/ Backend: Nodejs/ Database: MongoDB)

🎓 Education

University of Westminster, UK: BEng Software Engineering

- Undergraduate Student

Informatics Institute of Technology: Software Engineering Foundation

- Foundation Certificate of Higher Education

Royal International School:

- G.C.E Ordinary Level(2020)


⚙️ Technical Skills

- ✓ Process Validation
- ✓ Quality Regulations and Standards
- ✓ Risk Analysis
- ✓ Problem Solving

Projects

- **Project 1: Leave Management System (Individual)**
 - A system created to Manage the Leaves inside the Organization (CDRD)
 - (Technology Stack: HTML, Bootstrap CSS, JavaScript, PHP, MySQL)
- **Project 2: "Kanto Consulting" Web Application (Individual) - Live Link**
 - A website created to a Travel Agency, hosted and full responsive
 - (Technology Stack: HTML, CSS, JavaScript)
- **Project 3: SmartGrow - (IoT Based Smart Agriculture System for Greenhouses) (Individual)**
 - Developed a IoT device and a Web Application to collect the data from the esp8266 through sensors and sending the data to the web server, then using the web app we are setting a water level and then feed it to the esp to control the water.
 - (Technology Stack: esp8266, arduino IDE, Reactjs, Nodejs, sensors)
- **Project 4: Apex Innovation Website (Individual)**
 - Developed a Web Application to the Apex Innovation Company.
 - (Technology Stack: Reactjs, Tailwindcss)
- **Project 5: "MR. Cinephile" Web Application (Team)**
 - Developed a Web Application to find movies using the remembrance of the user.
 - (Technology Stack: Flask, Pandas, TMDB Api, HTML/CSS)
- **Project 6: PortFolio**
 - A Brief website about my works, full responsive website
 - (Technology Stack: React, Tailwind CSS)
- **Project 7: Skin Care Management System**
 - Skin Consultation System
 - (Technology Stack: Java, Java Swing)
- **Project 8: Fuel Queue Management System**
 - A Java program with the OOP concepts to manage fuel queues with a Graphical User Interface.
 - (Technology Stack: Java, Java FX)
- **More Projects on - GitHub**

Languages

-  Sinhala - Native
-  English - Business Competence

References

Reference 1

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Reference 2

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