



KAVINDU DAYAWARDANA

Software Engineer

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LinkedIn: <https://www.linkedin.com/> | **DOB:** 2000/06/27

Enthusiastic Front-End Developer Intern with a strong foundation in designing and developing responsive web applications. Proficient in modern front-end technologies like React, ASP .net, and JavaScript, focusing on delivering user-friendly and visually appealing interfaces. Skilled in collaborating with teams and adapting to dynamic project needs to ensure high-quality solutions.

EDUCATION

BSc(Special) Management Information Systems

NSBM Green University 2020-2024

2nd class | GPA **3.13**

ACHIEVEMENTS

Created responsive front-end interfaces for a salon management system, including login, registration, and dashboard pages, improving user experience. **(DeepSalon project)**

Successfully designed and developed an IoT-enabled spider robot for home and industrial security, leveraging IoT technologies, microcontroller programming, and robotics to implement real-time hazard detection, autonomous patrolling, and advanced safety optimizations. **(IoT Spider Robot project)**

SKILLS

Programming Languages

- C#
- C++
- C
- Java
- JavaScript
- HTML 5
- CSS3
- PHP
- JSON
- Node.js

Frameworks & Libraries

- React.js
- Bootstrap
- ASP.NET Web Forms
- Java Spring Boot

Tools & Methodologies

- GitHub
- Agile Methodologies
- Azure DevOps (Azure Repos)

API

- Postman
- REST API

Databases

- MySQL
- MongoDB (NoSQL)

EXPERIENCE

DEEPMOC | Front-End developer | 2024 February - PRESENT

Skill Gained

- Visual Studio.
- SQL Server Management Studio 19.
- VS Code.
- Azure DevOps (Azure Repos)
- C#
- XAMPP.
- PHPMy Admin.
- CRUD Operation with C# ASP .net web application.
- FTP server file upload.
- ASP .net Master Pages.
- Web Developer.

Project

DeepSalon website for the salon management system.

- Login page front-end creation.
- Register page front-end creation.
- Complete dashboard front-end creation.
- Creating a logo for the DeepSalon.
- Reading ASP form data in C# back-end.

PROJECTS

IOT SPIDER ROBOT FOR HOME AND INDUSTRIAL SECURITY (Research)

Individual Project | 2024 JANUARY - 2024 AUGUST

IoT-Enabled Spider Robot for Proactive Home Security:

Developed a mobile robot integrated with IoT technologies, featuring real-time hazard detection, autonomous patrolling, and proactive safety measures for enhanced home security.

https://github.com/KavinduLakmal2000/Advance_IOT_Security_Robot

Tasks Performed

- Software Integration.
- Circuit design and creation.
- Microcontroller programming.
- IoT System Development.
- Mobile Robot Design.
- Power System Optimization.
- Safety Feature Implementation.
- Data Gathering and Analysis.
- Testing.

MontaNature – Environmental Organization Website with CRUD Functionality

Freelance Project | 2025 JULY – 2025 AUGUST

This full-stack web application was developed for a French environmental organization, MontaNature, to manage and display activities related to environmental education, nature management, and eco-certification. The system supports admin and public views, enabling CRUD operations for content management, with data stored in MongoDB Atlas.

<https://github.com/KavinduLakmal2000/montanature-site>

Tasks Performed

- Frontend Development using HTML5, CSS3, Bootstrap, and JavaScript
- Backend Development with Node.js and Express.js
- Database Design and Integration with MongoDB Atlas
- CRUD Functionality for Managing Activities and Content
- Admin and Public View Implementation with Role-Based Access
- Modal-Based Editing for Card Headings, Descriptions, and Icons
- Integration of Bootstrap Icons and Image Handling
- Responsive and User-Friendly UI Design
- API Development for Data Retrieval and Updates
- Testing, Debugging, and Deployment

IDE

- IntelliJ
- NetBeans
- Eclipse
- VS code
- Visual Studio

Personal Skills

- Fast learner.
- Eligibility to accept challenges.
- Problem solver who loves to code.
- Strong team player.
- Ability to work independently and as part of a remote team.
- Build fully functional programs, writing clean, testable code

Smart Climate and Security System with Air Quality Monitoring, Motion Detection, and Automated Control

Individual Project | 2024 JUNE - 2024 DECEMBER

This IOT system smartly controls climate, monitors air quality, and manages security with remote access, ensuring a comfortable and safe environment.

https://github.com/KavinduLakmal2000/Advance_A-C_Controller/tree/main

Tasks Performed

- Smart Climate Control Implementation
- IoT Integration and Networking
- Microcontroller Programming
- Sensor Data Processing
- Remote Monitoring and Control
- User Interface Development
- Security and Safety Features
- Power Management Optimization
- Data Logging and Analysis
- System Testing and Debugging

REFERENCE

Mr. Isuru Sri Bandara - Senior Lecturer - NSBM Green University
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Miss. Pavithra Subashini - Senior Lecturer - NSBM Green University
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I hereby certify that the above particulars given by me are true and correct to the best of my knowledge.

GitHub: <https://github.com/KavinduLakmal2000>

Yours sincerely,

KAVINDU DAYAWARDANA