KALIDASAN B

COLLEGE STUDENT

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⊙ https://github.com/Arclight12

PROFILE

Motivated and curious learner with a strong ability to understand and apply new concepts independently. Building a solid foundation in programming and technology through hands-on practice and continuous learning. I enjoy working on practical tasks that help me connect theoretical knowledge with real-world applications. Focused on steady improvement and keen to contribute in environments that encourage learning, problem-solving, and skill development.

EDUCATION

- **AMRITA VISHWA VIDYAPEETHAM**
  Btech - CSE(AI)
  2024-2028
  Amritputi, Kerala, India

- **ARMY PUBLIC SCHOOL**
  12th
  2021-2022
  Bikaner, Rajasthan, India

PROJECTS & EXPERIENCE

Project Developer | Self-Learning & Academic Projects
Jan 2024 – Present

- **Weather Guardian - Chrome Extension**
  Developed a Chrome extension that fetches real-time weather data using OpenWeatherMap API. Implemented user-friendly interfaces with HTML, CSS, and JavaScript, focusing on practical API integration and UX design

- **Pokémon Search Web App**
  Built a web application to search and display Pokémon data from the PokeAPI. Strengthened skills in API handling, dynamic DOM manipulation, and responsive web design.

- **AI-Integrated Object Detection System (Ongoing)**
  Developing a smart object detection system integrating Arduino Uno, ESP32-CAM, Ultrasonic Sensors, and Servo Motors. Focused on real-time detection, IoT hardware interaction, and automation.

- **Music Streaming Website (Ongoing)**
  Designing a frontend music streaming platform using HTML, CSS, and JavaScript. Emphasizing UI/UX, responsive layouts, and modern web design principles.

SKILLS

- HTML , CSS , JS
- Java , C
- Communication

HOBBIES

- Music
- Swimming
- Running

LANGUAGE

- English
- Malyalam
- Hindi