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EXPERIENCE

IBM Skills-Build June 2024 - August 2024

Artificial Intelligence and Machine Learning Intern

- Gain access to the IBM Skill-Build Platform with curated covering both technical and professional skills relevant to the industry.
- Enhance the learning experience in a project-based , collaborative environment

EDUCATION

- Rajiv Gandhi Institute Of Technology

November 2021 – May 2025

Computer Science and Engineering

Kerala, India

- CGPA: 7.21

- Vivekodhayam Boys Higher Secondary School

April 2020

Higher Secondary Education

Kerala, India

- Percentage: 94%

- Kerala Agriculture University High School

April 2018

Secondary Education

Kerala, India

- Percentage: 99%

PROJECTS

- Automated Ration System Vending Machine

June 2024

Tools: [Flutter, Firebase]

The project consist of an app which is devolped using Flutter and vending machine which is used to dispense ration item. The vending is constructed using NodeMCU ESP8266,Ultrasonic sensor,Solenoid valve, Keypad, LCD screen.The primary objective of implementing an automated ration system using vending machines is to streamline and modernize the distribution of essential supplies.By leveraging technology, the system aims to overcome the shortcomings of manual processes, ensuring a more accurate, efficient, and user-friendly approach to ration distribution.

- Sign2Text

May 2024

Tools: [HTML, CSS, JavaScript, React js, Mediapipe, TensorFlow]

The project features real-time detection of Indian Sign Language (ISL) gestures using TensorFlow.js and MediaPipe, enabling seamless translation of signs directly within the browser. Recognized signs are instantly converted into audible speech through the Web Speech API, while a PDF generation feature powered by PDFMake automatically creates downloadable transcripts of the translated text. Additionally, a built-in training module allows users to personalize and improve gesture recognition accuracy.The solution is developed using JavaScript, HTML/CSS, and leverages modern browser-based machine learning and speech technologies.

- Personal Portfolio Project

May 2024

Tools: [HTML, CSS, JacvaScript, React js]

Developed a responsive Portfolio website using Html,Css, Javascript and React js.The process of devolping portfolio requires the concepts of designing and styling the website and also making the website interactive using the javascript(React-Framework) concepts.The design concepts includes the usage of html tags and styling requires the usage of Css properties like padding, margin ,position, flexbox, css grid and javascript(React-Framework) such as event handling,routing and Data fetching .

CERTIFICATIONS

- Coursevita:Front end Web development Workshop

September 2024

- IBM Skills-Build: Artificial Intelligence Fundamentals

July 2024

SKILLS

- **Programming Languages:** Python, C Programming, JavaScript
- **Markup Languages:** HTML, CSS
- **Database Systems:** MySQL
- **Soft Skills:** Effective Communication, Team Collaboration, Problem-Solving, Adaptability, Time Management.
- **Languages:** English, Malayalam