Jaideep d

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OBJECTIVE

To obtain a Software Engineering Internship where I can leverage my skills in full-stack development, software engineering. Eager to contribute to innovative projects, enhance my problem-solving abilities, and expand my knowledge in IoT-driven software solutions. My goal is to leverage my understanding of programming languages, frameworks, and development tools to support dynamic teams in creating impactful applications.

EDUCATION

Shiv Nadar University, Chennai, B.Tech in Computer Science, Specialization in Internet of Things(Iot) — Sep 2022- Present

Sri Chaitanya academy junior college, Tirupati ,High School, MPC — Jun 2020 - Mar 2022

ThiruThangal Nadar Vidhyalaya ,1st to 10th Grade — Apr 2010 – Apr 2020

SKILLS

Programming Languages: Java, JavaScript, Python
Web Development: HTML, CSS, Tailwind CSS, React.js, Node.js
Databases: MySQL, MongoDB
Machine Learning: Scikit-learn, TensorFlow, PyTorch
Interests: Hackathons, Volunteering, Technical Fests

PROJECTS

HandyConnect

- HandyConnect is a platform that connects users with skilled professionals for home utility services such as plumbing, electrical work, and carpentry. The platform eliminates the need for third-party intermediaries, providing users with direct and seamless access to local service providers. It offers a simple, user-friendly interface that allows users to easily book services, track professionals in real-time, and make secure payments. The backend, built with Node.js and Express.js, ensures secure user authentication and efficient service management. Real-time location tracking is enabled through the Google Maps API, while Stripe API handles secure payment processing
- Tools and Technologies Used: React.js, Node.js, Express.js, MongoDB, JWT, Google Maps API, Stripe API.

IoT-Based Inventory Alert System

- The IoT-Based Inventory Alert System is designed to monitor the stock levels of consumables like ice cream and chocolate. Using ultrasonic sensors connected to ESP32/ESP8266 microcontrollers, the system tracks inventory in real-time and sends automated low-stock alerts. The data is processed and transmitted via Wi-Fi, ensuring seamless communication. When stock levels drop below a predefined threshold, email notifications are sent using the SMTP Protocol through the ESPMailClient library, ensuring timely replenishment and minimizing stock outages
- Tools and Technologies Used: ESP32/ESP8266, C++ (Arduino IDE) Ultrasonic Sensors, Wi-Fi, SMTP Protocol, ESPMailClient Library.

EXTRA CURRICULAR ACTIVITIES

Community Service: Member of NSS, contributing to social initiatives and community welfare programs.

Technical Workshops: Participated in workshops to enhance knowledge in emerging technologies.

Event Volunteering: Assisted in organizing technical fests and college events, showcasing leadership skills.

Sports Participation: Actively involved in school-level sports competitions, demonstrating teamwork and dedication.