Tejeshwa Anand

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EXPERIENCE

INTERN AT SAMSUNG INNOVATION IN IOT

- Worked with Raspberry Pi, Arduino, and ESP32 to develop IoT-based mini-projects using various sensors over different protocols like WebSocket, WiFi, and MQTT.
- Built a smart home system integrating ultrasonic sensor, DHT11 (temperature & humidity), and remotely controlled LED over a WiFi network, enabling real-time environmental monitoring.

PROJECTS

1. CryptoLite | Live | Github
   - Built a cryptocurrency monitoring system using **Next.js**, **Tailwind CSS**, **Node.js**, **MongoDB**, and **Redis Cloud** for real-time price tracking and **caching**
   - Integrated **CoinGecko API** and implemented a **Node-Cron** service for user-defined **price alerts** and continuous monitoring.
2. Food Delivery Application | Live | Github
   - Developed a food delivery application using the MERN stack (**MongoDB, Express.js, React, Node.js**), enabling users to browse restaurants, view menus, place orders
   - Implemented **JWT** (JSON Web Token) for secure user authentication and session management, ensuring encrypted transmission of user credentials and authorization across the application.
3. Restaurant Table Booking System | Live | Github
   - Engineered a responsive restaurant table booking system using **Next.js** for the frontend and **Node.js** with **Express** for backend functionality.
   - Implemented features like booking form, availability display, and booking summary, ensuring users can make reservations seamlessly while preventing double bookings.
4. Deep Learning Framework For Expiry Date Recognition
   - Developed a **YOLOv8** model for detecting **day, month, and year** on product images and integrated EasyOCR for text recognition.
   - Annotated datasets and utilized Python, TensorFlow, **EasyOCR**, **OpenCV**, **Keras**, and Ultralytics to handle diverse date formats and process 2,700+ images.

SKILLS

PROGRAMMING: C, C++, PYTHON

WEB DEVELOPMENT: HTML, CSS, JAVASCRIPT, REACTJS, NODE.JS, EXPRESSJS, NEXT.JS

DATABASE: MONGODB, MYSQL

TOOLS & PLATFORMS: GIT, GITHUB, VSCODE, ARDUINO IDE

PROBLEM-SOLVING :250+ Question solved of DSA

COURSEWORK

Object Oriented Programming, **Data Structure and Algorithms**, Design and Analysis of Algorithms, Computer Networks, **Operating Systems**, Socket Programming, **Database Management Systems**, Cloud computing

EDUCATION

2021-2025	**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING, KURNOOL**	
	Bachelor of Technology Computer science	Kurnool, AP
	• **7.57 CGPA**	
2019	**KENDRIYA VIDYALAYA JAMALPUR**	Jamalpur, Bihar
	12th with Physics Chemistry Math	
	• 12th with 83.8 percentage	
2017	**KENDRIYA VIDYALAYA JAMALPUR**	Jamalpur, Bihar
	10th with **10 CGPA**	

OTHER

Leetcode Profile · GFG Profile · Github Profile · Linkedin Profile