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# UPENDAR JAKKALI

## PROFILE:

A recent graduate with foundational knowledge of the MERN stack, Java, and front-end development. Eager to start my career as a software developer, learn from experienced professionals, and contribute to exciting projects while building my skills in software engineering.

## EDUCATION:

- TKR College of Engineering and Technology-  
B Tech in Electronics and Communication Engineering  
CGPA - 7.30/10      2020-2024
- Pragati Junior College-  
Intermediate (MPC)  
Score - 949/1000      2018-2020
- Sreepathi Reddy School of Excellence-  
SSC      CGPA - 9.5/10      2018

## TECHNICAL SKILLS:

**Programming Languages-** Basics of C, Core programming in Java, JavaScript

**Database Management-** Oracle SQL

**Framework-** React

**Web Technologies-** Html, CSS, Bootstrap

**Backend Technology-** NodeJS, MongoDB, Express,

**Code Editors-** VS Code, Eclipse IDE

## PROJECT:

### **Smart Farming Aid**

*Technologies: Arduino, Android, Sensors*

- Developed a smart farming aid to improve agricultural practices.
- Implemented sensors for real-time monitoring of soil moisture, temperature, and humidity.
- Enabled automated irrigation control to enhance resource efficiency and crop yield.
- Created a user-friendly Android app for easy monitoring and management.

### **Food Ordering Website**

*Technologies: MERN Stack (MongoDB, Express, React, Node.js)*

- Developed a full-stack food ordering application.
- Implemented user authentication, data validation, and API calls to fetch and manage data.
- Enhanced user experience with responsive design and efficient data handling.

## PUBLICATION:

Published the project "Arduino-Android Based Smart Farming Aid" in the **International Journal of Research and Analytical Reviews (IJRAR)** for the development and implementation of a smart farming aid utilizing Arduino and Android technologies to monitor soil

## EXPERIENCE:

### **Java Programming internship-**

- Java Programming internship at CodSoft for one month.

### **Database Management with SQL-**

- Database Management with SQL Hands-on training for five days by TASK Foundation.

## CERTIFICATES:

- Database Management with SQL
- Java Certificate from Hacker rank
- Basic SQL Certificate from Hacker rank
- Java Programming internship Certificate from **CodSoft**

## INTERESTS:

- Browsing
- Sports

## SOFT SKILLS:

- Problem-Solving
- Team Player
- Time-Management
- Adaptable
- Responsibility

## Extracurricular Activities:

**Hyderabad Cricket Association Leagues:** Played as a bowler in numerous matches, showcasing strategic thinking, competitive spirit, and expertise in bowling.