POTHA AKHILA

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Tirupati, India

ABOUT

- Self directed and innovative thinker with a knack of developing creative problems with a keen interest in the field of Computer Science. Seeking for an opportunity to put my knowledge and experience to enhance the organizational goals and optimum success.

PROJECTS

SOLAR POWERED AUTOMATED MULTITASKING AGRICULTURE ROBOT   Jan 2023 - Jun 2023

- Developed an autonomous farming solution to address labor shortages and increase productivity in Indian agriculture. Utilized microcontrollers, DC motors, and sensors to automate tasks such as seeding and watering. Components used include Arduino, DHT11 sensor, camera, soil moisture sensor, motor driver, water pumping motor, relay, and 12V battery. Outcome: Successfully implemented a robotic platform reducing labor costs, seed wastage, and water consumption, advancing sustainable farming practices.

Software Details

- Arduino IDE
- Embedded C

TECHNICAL SKILLS

Programming Languages: CORE Java, Mern Stack

Database Technologies: SQL

Web Technologies: HTML, CSS, JavaScript,Bootstrap

EDUCATION

Bachelor of Technology, ELECTRONICS AND COMMUNICATION ENGINEERING   2019 - 2023

Siddharth Institute Of Engineering & Technology College, Puttur, India

Cumulative GPA: 8.8/10

Intermediate - Mathematics & Science   2017 - 2019

Sri Chaitanya Junior College, Tirupati, India

Cumulative GPA: 7.5/10

COURSES & CERTIFICATIONS

● Java Full Stack Development (Tap Academy)	● Industrial IOT 4.0 (NPTEL)
● PHP (Simple learn)	● Azure Fundamentals(AZ-900)

SOFT SKILLS

- Observation
- Decision making
- Communication
- Multi-tasking

HOBBIES

- Cooking
- Watching Movies
- Travelling