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📍 chittoor

🌐 Portfolio

in PETA UDAY KUMAR

PETA UDAY KUMAR

I am passionate about software development with a strong focus on creating innovative and efficient solutions. My interests lie in embedded systems, IoT development, and automation, and I am eager to apply my programming skills in a dynamic software development environment.

SKILLS

css sql java Html JDBC

python spring angular

Team work Hibernate

javascript Boot Strap

TypeScript SpringCare

spring boot sun microsoft

Problem solving java Enterprise

Spring rest API Critical Thinking

Good Communication

EDUCATION

B.Tech - Electronics Communication and Engineering 06/2019 - 05/2023
Sri venkateswara college of engineering
tirupathi

Intermediate - Maths, Physics and Chemistry 06/2017 - 03/2019
Sri Chaitanya Jr College
Tirupathi

SSC - English 06/2016 - 03/2017
Z P High School
vedurukuppam

ACADEMIC PROJECTS

- ◇ Bidirectional Visitor Counter System with Automatic light
- ◇ Role: Team Lead
- ◇ Description: Led a team to design and implement a system using IR sensors, LCD displays, and automated lighting controls to monitor room occupancy in real time.
- ◇ Technologies Used: IR Sensors, Arduino, LCD Display, LEDs, C/C++ programming, Embedded Systems
- ◇ Key Responsibilities:
 - ◇ Led a team of 4 engineers to develop the system.
 - ◇ Oversaw the creation of algorithms for bidirectional counting.
 - ◇ Coordinated the integration of sensors and microcontrollers.
 - ◇ Directed programming efforts for real-time occupancy display on LCD screens.
 - ◇ Implemented automated lighting controls to enhance energy efficiency.
 - ◇ Managed project timelines and ensured delivery within budget.
- ◇ Outcomes:
 - ◇ Enhanced security through accurate real-time occupancy monitoring.
 - ◇ Achieved significant energy savings via automated lighting control.
 - ◇ Provided immediate visual feedback with an LCD display.
 - ◇ Successfully managed the project from conception to deployment.

ACHIEVEMENTS

- ◇ I have attend the Soft skills Training Program which is held by Naandi Foundation in Sri venkateswara college of engineering

CERTIFICATIONS

- ◇ I have a java certificate from Besant Technologies
- ◇ I have a Python certificate from Besant Technologies
- ◇ I have a javascript and algorithms certificate from freecodecamp
- ◇ I have a SQL certificate from Hackerrank

HOBBIES

- ◇ Playing chess, cricket in free time
- ◇ cooking
- ◇ Listening music

DECLARATION

- ◇ I hereby declare that the information provided in this resume is accurate and true to the best of my knowledge. I understand that any misrepresentation or omission of facts may result in disqualification from employment. I authorize the verification of all information provided, including educational and employment history.