Devendra Rakesh

Vijayawada, Andhra Pradesh | +91-6305745655 | rakeshvajarapu3@gmail.com

Devendra Rakesh Vajrapu | Rakesh-345

EDUCATION

Eluru College of Engineering	2024 - 2027

BTech in CSE_Artificial Intelligence and Data Science
CGPA: Ongoing

D.N.R College of Engineering & Technology	2021 - 2024

Diploma (ECE)
CGPA: 74.2

SKILLS

Languages: HTML, CSS, Intermediate Python, Basic Java,C
Tools: Blender
Other Skills: Hardware Projects handling.

PROJECTS

Automatic Street Lights (Arduino_based Project)

Implemented sensors to detect ambient light levels and control street lights accordingly, ensuring energy efficiency.

Technologies Used

Arduino ,Light Dependent Resistors (LDRs) , Relays and Transistors, C/C++ Programming

Key Responsibilities

Designed, developed, and implemented an automatic street lighting system using Arduino and sensors, optimizing energy efficiency and ensuring reliable performance under various lighting conditions.

Achievements

Successfully reduced energy consumption through optimized lighting schedules, presented at the college's annual technical fair, and received commendation for innovation and practical application.

PATENTS

Automatic Street Lights Using Arduino , LDR and Relays
Application Number: 21354-EC-060
Developed a power saving street lights to prevent from accidents.

EXPERIENCE

Project Team Leader

I led a team to design and implement an automatic street lighting system using Arduino, optimizing energy efficiency. Presented the project at the college's final year project, earning commendation for innovation and practical application.

Participation on college Technical Events

I have participated in Regional Poly TechFest-2022 was conducted by government held at Smt.B.Seetha Polytechical, Bhimavaram . I Presented a Multipurpose Agriculture Robot.
Participated in Poster Presentation in S.R.K.R College .