

VIVEK KUMAR CHANDAN

+91 9097995941 ◇ Aurangabad, Bihar, INDIA

v.kr.chandan@gmail.com ◇ [Linkedin](#) ◇ [Github](#)

EDUCATION

Mtech in Computer Science, International Institute of Information Technology, Hyderabad 2024 - 2026

Btech in Electrical Engineering, Muzaffarpur Institute of technology 2019 - 2023

CGPA: **7.92**

Degree in Intermediate, Rajkiyakrit Bhishan +2 School Biuha, Aurangabad 2016 - 2018

Percentage: **61.6%**

Degree in Matriculation, High School Tendua Harkesh 2015 - 2016

Percentage: **72.8%**

EXPERIENCE

In Plant Training Oct 2021 - Nov 2021

Bihar State Power Transmission Company Ltd.

- Completed In-Plant Training at State Power Transmission Company Ltd. It is Supervised by Assistant Executive Engineer.
- Gained hands-on experience in Power plant operations and maintenance procedures, Electrical equipment functionality and troubleshooting, Safety protocols and regulations within a power plant environment.
- Developed a strong understanding of Power transmission principles and Plant equipment functionality.

PROJECTS

SOLAR WIRELESS ELECTRICAL VEHICLE CHARGING SYSTEM Built an Electrical vehicle (EV) which is the most suitable alternative of petroleum vehicles. Its total dependency on non-renewable source of electricity, expensive price of charging, and socket plug in or out problem during charging are major issue of EV. It helps in reducing the dependency of electricity on recharging or even allowing the EV to be charged where electricity are not present.

RAIN DETECTION WITH AUTOMATIC WINDOWS Built a system that automatically closes windows when it rains using an Arduino Uno microcontroller. The key components are the Arduino, a rain sensor, and a servo motor. The rain sensor detects rain by measuring changes in conductivity when wet. It sends a signal to the Arduino. The Arduino then controls the servo motor based on the program. The program is set to close the window when rain is detected and open it again when it stops raining.

SKILLS

Technical Skills	C, C++, OOPs, Data Structure and Algorithms, Operating System, Computer Network
Databases	SQL, DBMS
Tools / Platforms	Git, Github, VSCode, Linux, MS Office

ACHIEVEMENTS

- Secured AIR 36 in PGEE 2024 conducted by IIIT Hyderabad.
- Scored 99.02 percentile (AIR 1219) in GATE 2024 conducted by IISc Bengaluru.
- Scored 94.80 percentile (AIR 3935) in GATE 2023 conducted by IIT Kanpur.

CERTIFICATIONS

- Computer Networks and Internet Protocol([NPTEL](#)).
- Digital Circuits ([NPTEL](#))