

YASHKUMAR WANKHEDE

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Address : Hinganghat, Dist. Wardha.

Summary

As an enthusiastic and motivated recent graduate in Electrical Engineering, I am Seeking a challenging position in a reputed organisation where I can learn new skills, expand my knowledge, and leverage my learnings.

Experience

- ❖ **Academic Intern | BG LIN IN Electricals Pvt. Ltd. | Aurangabad** *6 Jan 2023 - 31 May 2023*
 - ➔ Oversaw the production of 15 distinct models of Q series railway line signalling relays, ensuring compliance with their respective configurations.
 - ➔ Acquired comprehensive knowledge of relay manufacturing processes through a rigorous 6-month internship.
 - ➔ Actively engaged in the main assembly line, skillfully executing the complete assembly of relays.
 - ➔ Demonstrated proficiency in understanding the functioning of signalling relay track relay and related components.

- ❖ **Academic Intern | Pix Transmission Private Limited | Nagpur** *1 Aug 2023 - 31 Aug 2023*
 - ➔ Demonstrated expertise in designing and customising belt drives for power transmission, tailoring them to meet exact specifications of diverse companies.
 - ➔ Gained comprehensive knowledge of the manufacturing process for a wide range of belt types utilised in transmitting energy to various drive systems.
 - ➔ Collaborated with cross-functional teams to ensure seamless integration of belt drives into different machinery.
 - ➔ Utilised cutting-edge technologies to optimise the performance and efficiency of power transmission systems.
 - ➔ Assisted in conducting thorough quality control inspections, ensuring adherence to industry standards and regulations.
- ❖ **Worked with Sahyadri Foundation NGO contributing to Social Work.**

Projects

- ❖ **Battery-Supercapacitor Based Hybrid Electric Vehicle** *June 2023- Nov 2023*
 - ➔ Performed hardware as well as software simulation on *MATLAB*, of battery and supercapacitor parallel combination and observed the current voltage and speed of Motor which is used in Electric Bicycle.
 - ➔ Uses: Increases efficiency of *EV* by providing starting torque to motor by using *SC with Battery*.

- ❖ **Smart Helmet with Alcohol Detection Sensor**
 - ➔ Worked on the group at college to deliver projects such as Smart Helmet with Alcohol Detection Sensor to help out the society.

Skills

- ➔ Application Software : MS Excel ,MS Word, MS PowerPoint,
- ➔ Design Tool : MATLAB (Basics)
- ➔ Programming Language : C Programming
- ➔ Soft Skills : Communication ,Leadership, Team oriented

Education

- ❖ B.Tech (Electrical Engineering) | G H Raison Institute of Engineering and Technology, Nagpur
 - ➔ Nagpur University | Percentage : 7.90 CGPA | 2020 - 2023

 - ❖ Diploma (Electrical Engineering) | Government Polytechnic, Nagpur
 - ➔ Percentage : 75.60% | 2017 - 2020

 - ❖ SSC | Dr. B. R. Ambedkar Vidyalaya Hinganghat Dist. Wardha | Percentage : 84.20% | 2016 - 2017
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Achievement

- 3rd Rank In SABRANG Group Drama on Uttar Pradesh Theme
 - 2nd Rank at College Carrom Competition.
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Certification Course

- IC Engine and Gas Turbines | NPTEL | Jan 2023 - Apr 2023
 - MATLAB (Basic) Certification
 - C Programming Certification
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Publications

- Yashkumar Wankhede, “Battery-SuperCapacitor- based Hybrid E-Vehicle”, IJSREM, 12 Dec 2022, DOI-10.55041/IJSREM7315.
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Personal Details

- **DOB** : 10 Sept 2001
 - **Marital status**: Unmarried
 - **Hobbies**: Playing and Watching Cricket.
 - **Languages Known**: Marathi, Hindi, English
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Acknowledgement

I hereby declare that the above information is true to my knowledge.

Date:

Place: Nagpur.



(Yashkumar Wankhede)