

Resume

Vishal Laxman Ghorpade

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Career Objective:

Want to improve career and personal skills to stay competitive in this world by swiftly adopting the changes, keeping organizational and personal benefits in mind as an employee and as a person accordingly.

Academic Details:

2020-2024	BE Electrical AISSMS College of Engineering, Pune CGPA: 7.95
2019-2020	12th (Maharashtra State Board) Paradise Junior College, Pune Percentage: 66.31%
2017-2018	10th (CBSE) Blossom Public School, Pune Percentage: 73.80%

Skills

- | | | |
|---------------------|--------------------|---------------|
| ▪ MATLAB (Simulink) | ▪ Arduino Software | ▪ MySQL |
| ▪ KiCad | ▪ Python | ▪ React js |
| ▪ AutoCAD | ▪ Java | ▪ Spring Boot |

Work Experience:

- Aethertec Innovative Solutions.
Mentor: Hrishikesh Mehta | Position: Intern | Duration: - Jul/2023-Jul/2023
Project- 4x4x4 Led Matrix with Multiple Patterns Controlled through Mobile App
- Belrise Industries Limited.
Mentor: Mandar Kulkarni | Position: Intern | Duration: - Jan/2023-Jan/2023
Project- Benchmarking of E-Bike/Scooter Features

Research and Publications:

“Review of three level inverter topologies Based on simulation in MATLAB”,
ZHUZAO/FOUNDRY, May 2024

Projects

Individual

1. Bidirectional Visitor Counter
Interrupt based Counter
Using IR Proximity Sensor with Arduino Uno and 16x2 LCD display
2. Remote Accessibility for Electric devices
Developed mobile app through which the electric devices can be turned ON/OFF
Interfacing of HC-05 and ESP8266 with Microcontroller,
Connection Modes of ESP8266

Group

1. Design of LASER TAG jackets
Reflector Jackets with embedded LDR
LASER Toy gun with additional functionality
2. Three level inverter (Final year Project)
Sponsored by Aethertec Innovative Solution
Market survey of inverters.
Simulation of different topologies with different PWM technique and load in MATLAB.
Published Research paper based on three most used topologies.
Engineered the hardware configuration for a diode-clamped inverter topology,
Arduino Mega programming for 8 SPWM signal generation.

Extra-Curricular

- Events Coordinated
 - Laser War 2023
 - State level project competition 2023
 - WATTS 2K22 Science Exhibition 2022
 - Laser War 2022
- Events volunteered
 - Light and Sound for SHIVANJALI 2023
 - Pirates of Wizards event of WATTS 2K21
- Core Team Member of Department Technical Magazine team.
- NSS Team Leader
 - Led the team of 12 members at SPPU approved 7 days' Residential camp at Rural area for development of village.
- Committee Member of ASHWAMEDH DHOL TASHA PATHAK, Pune

Strengths:

- Willingness to learn and gain knowledge.
- Attention to Detail.
- Take Initiative

Personal Details:

Gender: Male

D.O.B: 07 MAY 2003

Language Proficiency: English, Hindi, Marathi

Address: 203 B-wing Kadambari park, Nahe, Pune 411041

Age: 21

Declaration:

I hereby declare that the details furnished above by me are true to the best of my knowledge.

Vishal Ghorpade.