

Experience	Makxenia engineering resources intern https://makxenia.com/	February 2023 to April 2023 Nagpur,Maharashtra
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Internship Summary - Makxenia (Summer 2024)

Helped with the development of a phone-based rental module for electric bikes, enabling convenient and contactless rentals through an IoT-powered mobile application.

Designed and implemented an interface between Arduino and a PS2 controller for the "Beetle Bot" project, demonstrating strong hardware integration skills and a deep understanding of embedded systems.

Actively participated in organizing Arduino Fast 2024, contributing to a successful event through effective teamwork and communication skills.

Key Skills Developed: Proficiency in python and C++ and hardware integration.

This internship provided valuable experience in the fields of IoT and robotics, solidifying my passion for a career in engineering.

I am particularly interested in pursuing opportunities in Embedded system development, leveraging the technical and collaborative skills gained at Makxenia.

Education	Government polytechnic Nagpur Mechatronics 7.5 https://www.gpnagpur.ac.in/	July 2020- March 2023 Diploma
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Education: Diploma in Mechatronics Engineering (Government Polytechnic Nagpur)

- Technical Skills:
- 3D Modelling and Embedded Systems:** Possess a strong foundation in designing mechanical systems using 3D modelling software and the ability to integrate them with embedded systems for control and automation.
 - AutoCAD:** Proficient in using AutoCAD for creating 2D engineering drawings, essential for design communication and manufacturing.
 - PLC (Programmable Logic Controllers) & SCADA (Supervisory Control and Data Acquisition):** Understand the principles and applications of PLCs for industrial automation and SCADA systems for process monitoring and control.
 - C Programming :** Possess a working knowledge of C programming, a fundamental skill for embedded system development and interacting with various hardware components.
- Soft Skills:
- Effective Communication:** Gained valuable communication skills through coursework and potentially group projects. (Tailor to your specific experiences)
 - Teamwork:** Developed teamwork abilities through collaboration with classmates on projects.
 - Problem-Solving:** Cultivated problem-solving skills through technical challenges encountered during the program.

PBCOE,Nagpur Electronics and communication	March 2023-present Btech
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Education (Continued): B.Tech in Electronics and Communication Engineering (Present) - PBCOE Nagpur

Building upon the foundation of Mechatronics Engineering, I am currently pursuing a Bachelor of Technology in Electronics and Communication Engineering at PBCOE Nagpur. This program delves deeper into specialized areas that will further enhance my skillset:

- PCB Manufacturing and Design:** Gaining comprehensive knowledge of the processes involved in creating printed circuit boards (PCBs), from design software to fabrication techniques.
- Microcontroller Programming and Embedded Systems:** Expanding my understanding of microcontrollers and their role in embedded systems design. This includes programming microcontrollers for various applications and interfacing them with sensors and actuators.

Skills	PCB designing PCB designing and manufacturing ● ○ ○ ○ ○
	3d modeling 3D modelling using softwares like free cad and Autocad. ● ○ ○ ○ ○