Yash chourasia

Electronics and Communication Engineer | AI & IoT Enthusiast | Microsoft Office Proficient |

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EDUCATION

Secondary Education Indore, India
Shri Gujrati Samaj Ajmera Mukesh Nemichand Bhai English Medium School
10th marks - 62.6%
12th marks - 59.6%

Bachelor of Technology in Electronics and Communication Dept. 05/2022 – 08/2026
Sushila Devi Bansal College of Technology Umaria, India
highest SGPA of 7.6 in 5th semester

PROFILE

I am a motivated and hardworking individual seeking opportunities to leverage my academic achievements and personal skills to contribute effectively in a professional environment. My experiences have honed my teamwork, problem-solving skills, and adaptability, making me well equipped to handle challenges in the workplace

SKILLS

- Arduino
- C/C++
- Python
- Artificial Intelliigence and Machine Learning with python
- Arduino Uno
- Visual Basic for Applications for data analytics

PROFESSIONAL EXPERIENCE

Intern 04/2025 – 05/2025
Eduexpose Hyderabad, India
This experience helped me apply AI concepts to real-world tasks and gain practical insights into machine learning and deep learning.

PROJECTS

Robo Grip
IOT Project
A robotics project focused on creating a remote-control gripper for precise object handling., Engineered a robotic gripper with remote-controlled precision movements for object handling and automation., Unitized Arduino Uno, PCA 9685 16-channel PWM servo driver, and servo motors for efficient multi-axis control., Implemented Bluetooth communication (HC-05/HC-06) for wireless operation., Ensured stable performance with a 6V power supply, optimizing power management for continuous operation.

Smart Electricity Energy Meter
IOT Project
Smart Electricity Energy Meter using ESP32 & Blynk (IoT-Based Project) Designed and implemented a smart energy monitoring system using ESP32, ZMPT101B voltage sensor, and SCT-013 current sensor. Enabled real-time voltage, current, and power data monitoring through the Blynk IoT platform without using a physical LCD. Applied knowledge of embedded systems, IoT architecture, and sensor integration for remote energy tracking and automation. Collaborated in a team of 3 members; adapted and enhanced the system based on a reference from How2Electronics.