

Abhishek Kumar

Electronics Engineer

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Location: Lucknow, Uttar Pradesh

♦ **Career Objective**

Motivated and detail-oriented Electronics Engineer with strong knowledge in circuit design, embedded systems, IoT development, and hardware–software integration. Seeking a challenging role where I can contribute my technical skills to build innovative and scalable electronic solutions.

♦ **Skills**

Technical Skills:

Circuit Design & PCB Design

Microcontrollers: Arduino, ESP32, 8051

Embedded C, Python

IoT Development (Sensors, Cloud, Automation)

Digital & Analog Electronics

Soldering, Troubleshooting & Maintenance

Firmware Development

Power Electronics & Control Systems

Soft Skills:

Problem Solving

Team Collaboration

Time Management

♦ **Education**

Diploma in Electronics Engineering

Government Polytechnic College, Lucknow

2019 – 2022 | Percentage: 78%

Intermediate (Science – PCM)

UP Board | 2019

♦ **Experience**

Electronics Technician – ABC Tech Solutions Pvt. Ltd.

June 2022 – Present

Designed and tested electronic circuits for automation systems.

Performed troubleshooting and maintenance of industrial equipment.

Worked on IoT-based monitoring solutions using sensors and microcontrollers.

Assisted in PCB prototyping and firmware development.

♦ **Projects**

1. Smart Home Automation System (IoT Based)

Uses ESP32, sensors, and cloud integration to control home appliances via smartphone.

2. Automatic Smart Dustbin

Built using Arduino, ultrasonic sensor, and servo motor for touch-free waste disposal.

3. Temperature & Humidity Monitoring System

◆ **Certifications**

Embedded Systems & IoT – Coursera

PCB Design Using KiCad

Industrial Electronics Workshop

◆ **Languages**

English

Hindi

◆ **Personal Details**

Date of Birth: 10 April 2002

Nationality: Indian

Marital Status: Single

◆ **Declaration**

I hereby declare that the information provided is true and correct to the best of my knowledge.

Date:

Place: Lucknow