

# TUSHAR RATHOD

+91 8237275956 ♦ Pune, Maharashtra

[Tusharr1510@gmail.com](mailto:Tusharr1510@gmail.com) ♦ <https://www.linkedin.com/in/tushar-rathod-9050a535> ♦

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## OBJECTIVE

Aspiring Engineer eager to contribute expertise in digital circuit design and real-time systems, Focusing on innovation and excellence in emerging technologies.

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## EDUCATION

### Pimpri Chinchwad College of Engineering

BTech in Electronics and Telecommunication Engineering (Pursuing 3rd Year)

**2024-2027**

Pune, Maharashtra

### Cusrow Wadia Institute of Technology

Diploma in Electronics and Telecommunication (Degree percentage: 87.94%)

**2021- 2024**

Pune, Maharashtra

### Vishwakalyan English Medium School

CBSE- 71.4%

**2020- 2021**

Pune, Maharashtra

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## TECHNICAL SKILLS

**Technical Expertise:** Basic C and C++, Basic Microcontroller Programming, Linux Operating System, Digital Electronics, Electronic Circuit Design,

**Developer Tools:** Proteous, Keil MicroVision, Matlab, ModelSim, Multisim

**Soft skills:** Leadership ,Teamwork, Problem Solving, Adaptability, Time Management, Creativity.

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## EXPERIENCE

### Krishtech Automation

- Gained hands-on experience in reading, interpreting, and creating electrical circuit diagrams for industrial automation systems.
- Assembled and wired control panels and electrical connections based on technical schematics and design specifications.
- Worked on real-time industrial projects such as Hot Air Ovens, Industrial Ovens, Muffle Furnaces, and other automation-based systems.
- Learned and applied knowledge of industrial control components including temperature controllers.

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## PROJECTS

### Transcribe:(Represented at National level Competition)

Pune, Maharashtra

The ESP32-Based Audio-to-Text IoT Project with OLED Display is a versatile and interactive system that captures audio input from a microphone, converts it to text using a speech recognition service, and displays the transcribed text on an OLED screen. This project combines hardware and software components to provide a practical demonstration of audio processing and IoT capabilities

### Solar Power Wireless Vehicle Charging Station: (Diploma Final Year)

Pune, Maharashtra

It involves the development of a sustainable and wireless charging station for electric vehicles (EVs) using solar energy. It integrates solar panels to harness renewable energy and employs inductive charging technology to wirelessly transfer power to EVs, promoting clean energy use and reducing dependency on wired infrastructure.

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### **EXTRA-CURRICULAR ACTIVITIES**

- Played Athletics (Long Jump) at state level
- College level event organizing
- Student Council

### **LEADERSHIP**

- Worked in Core Committee at polytechnic college (Electronics and Telecommunication Engineering Students Associations) during First year to Final Year of Engineering. I have conducted many activities, seminars, workshops for students for the benefit of students conducted department level sports competition.

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### **PERSONAL DETAILS**

Name – Tushar Ramesh Rathod

Date of Birth – 15/10/2004

Email id – tusharr1510@gmail.com

Contact no - +91 8237275956

Permanent Address – At Post. Bhukum, Tal. Mulshi, Dist. Pune

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### **DECLARATION**

I hereby declare that the information provided in this resume is true and accurate to the best of my knowledge.

Tushar Rathod  
Place – Pune