

Harsh Sinha
Electronics & Telecommunication
Bharati Vidyapeeth College of Engineering, Pune
Email: harshsinha.cr7@gmail.com
LinkedIn: <https://www.linkedin.com/in/harsh-sinha-08b817220>

Mobile: 9284847828
B.Tech.
Gender: Male
DOB: 10/01/2004
Place: Pune

Examination	University	Institute	Year	CPI / %
Graduation	Bharati Vidyapeeth College of Engineering		2025	7.51 ('A' Grade)
Specialization:	B.Tech Electronics & Telecommunication			8.10 <i>In Final Year</i>
Class XII	CBSE	Kendriya Vidyalaya No2	2021	78.60%
Class X	CBSE	Kendriya Vidyalaya No2	2019	79.80%

CAREER OBJECTIVE

Engineering graduate in Electronics & Telecommunication with hands-on experience in both software and electronics projects. Seeking an entry-level position in a growth-oriented organization where I can apply my technical knowledge, problem-solving skills, and project experience to effectively contribute to team goals.

TECHNICAL SKILLS

- **Languages:** * Python * C++ * C * JavaScript * HTML * CSS
- **Libraries/Frameworks:** * OpenCV * Keras * Google TTS * Tailwind CSS * Flask
- **Database:** * MySQL * MongoDB
- **Version Control:** * Git

KEY PROJECTS

EchoGuide – Smart Navigation Assistant for the Visually Impaired

(Oct' 24 - Apr' 25)

Final Year Project | Prof. Prasad Kadam

Tools / Skills : Python | OpenCV | YOLO | Google TTS | HTML | Tailwind CSS

- Designed a **web tool** that uses a camera and **YOLOv3** vision model to detect obstacles in real time.
- Implemented an audio feedback system using **Google Text to Speech** to facilitate safe navigation.
- Developed the frontend interface for the project using **HTML** and **Tailwind CSS** framework.

Personal Music Blog Website

(Jan' 25 - Feb' 25)

Tools / Skills : HTML | CSS

- Created a **responsive blog site** to showcase various music interests through different stages of life.
- Focused on the **aesthetics** and **structure** for designing a **clean UI** for a great user experience.

Portfolio Website

(Feb' 25 - Mar' 25)

Tools / Skills : HTML | CSS

- Built a **personal portfolio** website to present the projects developed, resume, and contact details.
- Designed a responsive layout for the website using **CSS grid** and a minimalistic design style.

Library Management System using My SQL and Python

(Apr' 24 - May' 24)

Tools / Skills : Python | MySQL

- Designed and implemented a comprehensive library management system using **Python** and **MySQL**.
- Employed **MySQL** for storing and retrieving data with **CRUD operations** implemented in **Python**.

FM Transmitter Circuit

(Apr' 23 - May' 23)

Tools / Skills : Analog Electronics | Breadboard Prototyping

- Designed and implemented an **FM transmitter** using basic analog components and FM IC MC2833P.
- Transmitted audio signals wirelessly to nearby FM receivers to verify short-range FM communication.

Dual Power Supply

(Aug' 23 - Aug' 23)

Tools / Skills : Electronics Circuit Design | Soldering

- Built a **regulated dual power supply** capable of providing **±12 V** for powering electronic circuits.
- Used transformers, bridge rectifiers, and voltage regulators (IC 7812/7912) to construct the circuit.

RELEVANT COURSES

- * **Web Page Design** using HTML and CSS (Internshala)
- * **GitHub: Mastering Version Control** (Internshala)
- * **Python**
- * **C Programmaing**
- * **C++ Programmaing**(Udemy)
- * **Database Management System**
- * **Computer Networks**
- * **Cloud Computing**
- * **Integrated Circuit Analysis**
- * **Semiconductor Devices I & II**

POSITION OF RESPONSIBILITIES

Public Relations BOD – Rotaract Club

(2022- 2025)

- Promoted events and managed digital content to increase club engagement.
- Managed the backstage activities in JAM 2023 and 2024

Member – Lions Club Pune

(2022- 2025)

- Active member of Lions Club Pune.
- Volunteered in many social events such as old age home visits, orphanage visits, etc.

Member – Electronics & Telecommunication Student Association

(2022- 2025)

- Actively assisted in organizing technical seminars, coordinating logistics, and participant engagement for ETSA.

Entrepreneurship Development Cell

(2022- 2025)

- Involved in organizing and handling logistics for seminars of Entrepreneurship Development Cell.

EXTRA-CURRICULAR ACHIEVEMENTS

- **MIT-ADT Futsal Tournament:** Ranked **6th** out of **44 teams** in the MIT-ADT Futsal Tournament (2024)
- **Athletics:** Secured **2nd position** in **200 m** race, Class 11th (2020)
- **Athletics:** Achieved **1st position** in **400 m** relay race, and 3rd position in 100 m race, Class 10th (2019)

LANGUAGES

- * English
- * Hindi
- * Marathi

HOBBIES & INTERESTS

- * Powerlifting
- * Football
- * Video Editing
- * Music Blogging