

Gagandeep Kushwah

B.Tech- Electronics & Communication

DOB: 23/05/2006

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Career Objectives

To pursue a challenging career and be a part of a progressive organization that gives scope to enhance my knowledge, skills and to reach the pinnacle in the computing and research field with sheer determination, dedication and hard work.

Academic Credentials:

Examination	Year	Percentage/CGPA	Institution	Board/University
B.Tech (Electronics & Communication)	2023-2027	7.88 CGPA	Madhav Institute of Technology & Science, Gwalior, M.P.	RGPV University Bhopal
Class XII	2023	72%	Sanskar Public School Gwalior, M.P.	CBSE Board
Class X	2021	87.2%	Pragati Vidya Peeth Gwalior, M.P.	CBSE Board

Skills:

- **Programming Languages:** Java (Core & Advanced), Python (Basics), C++ (Basics).
- **Data Structures & Algorithms (DSA):**
 - Data Structures: Arrays, Strings, Array List, Linked List, Hash.
 - Algorithms: Sorting (Quick Sort, Merge Sort)
- **Frontend Development:** HTML, CSS, JavaScript.
- **Backend Development:** Node.js, Express.js.
- **Database:** MySQL, MongoDB.
- **Tools & Technologies:** Git, GitHub, VS Code.

Projects :

Weather App (API Based)

Developed an animated weather application using HTML, CSS, JavaScript, and the Weather API. Included real-time weather data, icon animations, and dark/light mode toggle.

Spotify Clone

Built a responsive front-end music player UI using HTML & CSS, replicating Spotify's layout to practice UI/UX design principles; backend integration is in progress.

Myntra Clone

Developed a front-end clone of Myntra using HTML & CSS, focusing on responsive e-commerce layout; backend development is currently underway.

Mini projects -

- **Electronic Dice** - The Electronic Dice is a digital version of a traditional dice, where pressing a button generates a random number (1-6) displayed on a 7-segment display or LEDs
- **Invisible Burglar Alarm** – Designed a motion-sensing alarm system using IR sensors for intrusion detection.
- **Water Level Indicator** – Built a water level monitoring system using transistors and LEDs to indicate tank levels.
- **Chasing Lights using Arduino** – Programmed an Arduino to control a sequence of LEDs for a chasing lights effect.

Experience:

Circuit Simulation Training – LT spice

Dept. of ECE, MITS | Dec 2024

- Simulated analog & digital circuits and analyzed their behavior using LTspice.

Graphic Design Intern

InAmigos NGO (Online Internship) | Feb 2025

- Designed fundraising and awareness posters for social campaigns using Canva/Photoshop.
- Contributed to the NGO's online visibility and engagement through creative visual content.

Student Partner

Internshala | Apr 2025

- Promoting Internshala's platform and internship opportunities among peers.
- Conducting outreach and awareness about skill-building and career resources in college.

Rewards & Recognitions:

- Winner of Treasure Hunt – Won ₹6,000 prize in a national-level event (Tulsi Mahotsav).
- Participated in many school level competitions.

Co-Curricular:

- **Digital Learning Group** – Social media & Promotions Team Member

Managed social media promotions and event outreach for digital initiatives.

- **Incube Club** – Technical Team Member
Contributed to tech-based workshops, project development, and ideation sessions.
- **Scrabble Club** – Technical Team Member & Graphic Designer
Designed event posters, flyers, and graphics for technical quizzes and learning events.