

# Karanpal Singh

Mobile No. : +91 9649013600  
karan0797s@gmail.com

---

## PROFESSIONAL SUMMARY

Passionate B.Tech Computer Science student skilled in Java, Python, Web Development, and DSA. Proficient in building full-stack applications using the MERN Stack and developing optimized solutions for complex problems. Interested in AI and Machine Learning, with hands-on experience in data-driven models. Dedicated to continuous learning and growth in software development and intelligent systems.

---

## EDUCATION

Board of Secondary Education Rajasthan

April 2024

**B.Tech , BK Birla Institute of Engineering and Technology ,Pilani**

SEPT 2028

**Related Coursework:** C++, MERN Stack , Tailwind,Java, python, CSS, C, Matlab , Bootstrap , Data Structures and Algorithms ,Postman API ,

**CGPA:** 8.80

---

## PROJECTS

### Send Me a Chai

- Designed and developed a creator-centric crowdfunding platform using Next.js and Tailwind CSS to enable seamless supporter interactions.
- Integrated GitHub OAuth authentication, Razorpay payment gateway, real-time notifications, and a dynamic supporter leaderboard.
- Delivered features for secure profile management, contribution tracking dashboard, and personalized supporter messages to enhance user engagement.

### Spotify Clone

- Developed a fully mobile-responsive music streaming web app using HTML, CSS, and vanilla JavaScript.
- Features dynamic playlist cards, folder-wise song fetching, real-time music player with seek & volume control, and smooth UI for desktop & mobile.
- Hosted on Firebase with efficient folder scraping and SVG-based design for performance and scalability.

---

## Certification:

- **Java Bootcamp — UpGrade (Dec 2024)**
- **Python Basics — HackerRank (Feb 2025)**
- **Core Java Specialization — Coursera (Jan 2025)**
- **C Programming — Spoken Tutorial Project, IIT Bombay (June 2025)**

## Language:

- |                |                   |                |
|----------------|-------------------|----------------|
| • Java         | • C               | • C++          |
| • Python       | • JavaScript      | • MERN Stack   |
| • Tailwind CSS | • API Integration | • Git & GitHub |

---

## ADDITIONAL EXPERIENCE

### • Muskurahat Foundation – Volunteer

- Engaged in outreach programs to support underprivileged communities.