

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.