

Karanveer Singh

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Independent and self-motivated B.Tech CSE student with strong organizational and technical skills.

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EDUCATION

- **Jodhpur Institute of Engineering and Technology (JIET)** Jodhpur, India
B.Tech in Computer Science & Engineering; CGPA: 8.42
Sep 2022 – Apr 2026
- **Mahaveer Public School** Jodhpur, India
Higher Secondary Education
Apr 2021 – May 2022

EXPERIENCE

- **DRDO** Jodhpur, India
Research Intern — Defence Technology and Image Processing
May 2025 – Aug 2025
 - **Projects:** Worked on defence technology projects with image processing for surveillance and automation.
 - **Computer Vision:** Implemented target identification, motion tracking, and terrain analysis using Python & OpenCV.
 - **Collaboration:** Assisted in simulation tools and testing frameworks for real-time applications.
- **Techpro Compsoft Pvt. Ltd.** Jodhpur, India
Employee Management System Developer
Jun 2024 – Aug 2024
 - **Development:** Built Employee Management System & online resume builder using PHP, JS, ReactJS.
- **Plenum Network Pvt. Ltd.** Jodhpur, India
Web Developer Intern
Dec 2023 – Feb 2024
 - **E-commerce:** Developed responsive e-commerce webpage with login and cart features.

PROJECTS

- **Drowsiness Detector — Python, OpenCV:** Developed a real-time driver drowsiness detection system using computer vision techniques.
- **Defence Image Processing — Photoshop, OpenCV:** Processed and enhanced defence images for surveillance and analysis tasks.
- **Number System Converter — Python:** Developed hexadecimal, binary, octal, decimal converter using Tkinter.
- **Library Management — React, .NET, SQL:** Built full-stack library system with React front-end and SQL back-end.

CO-CURRICULARS

- **Cultural President:** JIET Jodhpur
- **NCC Cadet:** 6 RAJ Battalion
- **Flutter Training:** TFour Tech Pvt. Ltd.
- **Event Organizer:** Jodhpur's Biggest Fest "Resonance"

TECHNICAL SKILLS

- **Languages:** C/C++, Java, Python, JavaScript
- **Web:** HTML, CSS, ReactJS, TypeScript
- **Database:** SQL, SSMS
- **Tools:** Excel, Git, OpenCV, Photoshop, Canva, Capcut
- **Soft Skills:** Leadership, Teamwork, Communication, Problem Solving

LANGUAGES

- **English:** Professional Proficiency
- **Hindi:** Native Proficiency