

# 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

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### • Jodhpur Institute of Engineering and Technology (JIET)

*B.Tech in Computer Science & Engineering; CGPA: 8.42*

Jodhpur, India

Sep 2022 – Apr 2026

### • Mahaveer Public School

*Higher Secondary Education*

Jodhpur, India

Apr 2021 – May 2022

## EXPERIENCE

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### • DRDO

*Research Intern — Defence Technology and Image Processing*

Jodhpur, India

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 Compssoft Pvt. Ltd.

*Employee Management System Developer*

Jodhpur, India

Jun 2024 – Aug 2024

◦ **Development:** Built Employee Management System & online resume builder using PHP, JS, ReactJS.

### • Plenum Network Pvt. Ltd.

*Web Developer Intern*

Jodhpur, India

Dec 2023 – Feb 2024

◦ **E-commerce:** Developed responsive e-commerce webpage with login and cart features.

## PROJECTS

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• **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

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• **Cultural President:** JIET Jodhpur

• **NCC Cadet:** 6 RAJ Battalion

• **Flutter Training:** TFour Tech Pvt. Ltd.

• **Event Organizer:** Jodhpur's Biggest Fest “Resonance”

## TECHNICAL SKILLS

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• **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

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• **English:** Professional Proficiency

• **Hindi:** Native Proficiency