

# KRISH PANCHAL

Web Developer and an AI Enthusiast.

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## SKILLS

- ROS
- OpenCV
- MERN Stack
- C/C++
- Deep Learning
- Machine Learning
- Linux/Debian
- Problem-Solving
- Strong Communication

## PROJECTS

### SMART ATM SECURITY SYSTEM

- Built a security system for ATM's using RFID door lock, Mobile app for timestamp tracking and ROS and YOLOv5 for Face detection.

### CAR PRICE PREDICTION AND DAMAGE DETECTION

- Made a platform for detecting prices and damage to cars (ResNet50) for calculating prices of secondhand cars.

### MEDICAL APPOINTMENT

- Created a website to help patients to book appointments based on their illness. Used React for the frontend and Nodejs for the backend.

## EDUCATION

### BACHELOR OF TECHNOLOGY

DJ Sanghvi College of Engineering  
2021-2024  
SGPA: 9.248

### SECONDARY COLLEGE

Thakur College  
2018-2020  
HSC - 80.67%

### SCHOOLING

Ryan International Malad - ICSE  
ICSE- 93.00%

## PROFILE

I am passionate about learning more about Web Development along with proficiency in Mern framework. I am an AI enthusiast and exploring Computer Vision along with having a well versed knowledge about the robotics and automation framework that uses ROS.

## EXPERIENCE

### SOCIALVEINS- BACKEND DEVELOPER

Sept 2022- Dec 2022

- Successfully implemented the Socialveins website's current news viewing feature. Assisted in establishing a serverless backend using AWS Lambda and tidy the data for the Socialveins application.

### DJS ANTARIKSH - ROBOTICS HEAD

Sept 2021 - Present

- Working on ROS for building a fully functional Martian Rover. Worked on Software integration with hardware (Cameras, Actuators, End-effectors), Navigation Stack for a custom robot, Differential drive of the Rover.

### IEEE BRAINWAVES - TECHNICAL HEAD

Aug 2021- Present

- Working and collaborating with experts in various fields to provide workshops and seminars on robotics and IOT based projects.
- Conducted a hands-on workshop for FE/SE Students on Programming for Robotics.

### ZIGMA GLOBAL ENVIRON PVT. LTD - FULL STACK DEVELOPER

Aug 2022- Sept 2022

- Developed a no-code backend using Amplification with SQL.
- Worked on frontend using AWS- Amplify to generate react components from figma.

## ACHIEVEMENTS

- Ranked 1st in DataHack 1.0 conducted by DJS S4DS in DataAnalytics Domain
- Ranked 11th in SIGFEST (datathon) conducted by Manipal Institute, Jaipur
- Ranked 1st worldwide in ERC (European Rover Challenge) 2021 and 2022
- Ranked 3rd worldwide in IRDC (International Rover Design Challenge) 2022
- Ranked 8th worldwide in IRC (International Rover Challenge) 2023.