

Krupa Patel
Contact No: (+91) 9714010237 | **E-Mail:** krups1420@gmail.com
LinkedIn: [Krupa Patel](#) | **Github:** [krupa1420](#)

OBJECTIVE

An enthusiastic and ambitious girl with strong motivation and leadership abilities who just completed an engineering degree in computer field. Passionate about software development, data analytics, and management. Willing to pursue new opportunities in the field of technology.

EDUCATION

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| B.TECH in Computer Engineering | 2020-2023 |
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Birla Vishvakarma Mahavidyalaya
CGPA: 8.13/10

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| Diploma in Computer Engineering | 2017-2020 |
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B & B Institute of Technology
CGPA: 9.86/10

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| Standard-10th | 2016-2017 |
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IB Patel English School
Percentage: 76%

INTERNSHIP

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| Infkey Technologies Pvt. Ltd. | 06/2021 - 07/2021 |
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| F5 Systems | 05/2022 - 06/2022 |
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| Space Application Centre, ISRO | 01/2023 - 05/2023 |
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| Lodestar Consulting Private Limited | 01/2024 - Present |
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PROJECTS

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| <u>University Management</u> | Android, Java, MySQL |
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It is a Charutar Vidyamandal Android app. It consists of the modules like Placement, Notice, Result, Scholarship, and Map. It enables students to check their eligibility based on the previous year's cut-off.

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| <u>Attendance Management System</u> | Python, ML |
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It is a Python based attendance management system that allows professors to take students' attendance using video or photos.

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| <u>Fashion Hub</u> | Laravel, MySQL |
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It is a Laravel web app that functions as an e-commerce site, allowing users to add products to their basket and then purchase them.

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| <u>Share Ride</u> | Android, Java, Firebase, Google Map |
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It is an Android app that is built on the notion of carpooling. Google Maps SDK, Firebase, and account verification are all supported. In addition, there is report generation and a payment gateway.

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| <u>Image Fusion System</u> | ML, DL, Image Processing, Computer Vision |
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The system combines information from panchromatic and multispectral remote-sensing images and generates the fusion image. Here, we have proposed a novel method for image fusion known as Residual Deep Learning with Joint Bilateral Denoising Network (RJB-Net). The fused image generated from the proposed technique has an optimal spatial and spectral resolution and it is proved visually and quantitatively.

COURSES

Machine learning with Python
Arduino and its application
Introduction to Generative AI
ChatGPT Prompt Engineering for Developers
Social Media Optimization
The Fundamentals of Digital Marketing

CO-CURRICULAR ACTIVITIES & ACHIEVEMENTS

- Place 3rd Price in both Basketball and Football under 16
- Peer Tutoring
- Event Organizer for a Department Day(Tech fest)
- A Snow Trek completion of 26km (Approx.)
- Joined National Cadet Corps(NCC)
- A member of the Computer Society of India
- Joined Coding Club India
- Actively participated in the Swatch Bharat Abhiyan and the Vishwa Yoga Mission
- A member of Bachpan NGO
- Attended a series of webinars on computer science, ML, web development
- Led my team to state-level selection in the Smart Gujarat Hackathon' 20
- Honors for achieving 10 SPI in 5th and 6th SEM in diploma
- Selected at the Regional Level for the Smart India Hackathon'22
- Runner-up at the Project Expo'23
- My review paper "Evaluation and investigation of spatial domain image filtering techniques to denoise remote sensing imagery" is under review at Earth Science Informatics by Springer Nature.
- My research paper "Residual Deep Learning with Joint Bilateral Denoising Network for Remote Sensing Image Fusion" is under review at 2023 3rd Asian Conference by IEEE.