

# RACHIT PATEL

+91 8800681717

Mail id - [rachitpatell.98@gmail.com](mailto:rachitpatell.98@gmail.com)

Linkedin- [rachit-patel-666494167](https://www.linkedin.com/in/rachit-patel-666494167)

## OBJECTIVE

**Tech-savvy and process-oriented professional with a strong foundation in C++, DSA, and system design. Hands-on experience with decentralized storage, ML, and data compression. Skilled in system design, data structures, and scalable software development, with a strong foundation in technical instruction and real-world project delivery. Now Transitioning into a Software Developer role to build innovative, tech-driven solutions.**

## EDUCATION

MTECH (Software Engineering)	2022-2024	Delhi Technological University, New Delhi	9 CGPA
B.TECH(Computer Science Engineering)	2016-2020	Guru Gobind Singh Indraprastha University, Delhi	8.89 CGPA

## EXPERIENCE

**Assistant Professor – CSE (Artificial Intelligence & Machine Learning)**  
**KIET Group of Institutions, Ghaziabad, Uttar Pradesh.**

**July 2024 – Present**

- Deliver structured instruction in core computing subjects, with a focus on **Data Structures and Algorithms**, fostering analytical thinking and technical proficiency among undergraduate students.
- Manage comprehensive **student academic data**, including grades, attendance, and performance metrics, ensuring accuracy and confidentiality & Conduct detailed **result analyses**, assist in **academic scheduling**, and generate reports to support institutional assessments and decision-making.
- Contribute to **curriculum development**, participate in **internal academic audits**, and support initiatives for continuous quality enhancement.

**Data Science and Python Developer Intern, Sarvvid AI, New Delhi**

**October 2020 - June 2021**

- In this Internship, I worked on a project that could provide a solution for **DATA STORAGE** in a Decentralised manner for the clients. It was a python based desktop application software that would run over the private network inside the organisation.
- The second project that I worked on was a project that would provide a solution for improving the compression rate for the data when used. It was based on machine learning and data science. Our main goal was to find a solution so as to improve the compression rate from the existing solutions.

## ACADEMIC PROJECTS

- DECENT INTRANET - DECENTRALIZED STORAGE - Python | Mysql**

A project that could provide a solution for DATA STORAGE in a Decentralised manner for the clients. It was a python based desktop application software that would run over the private network inside the organisation.

- MEDICAL BOT - Python | ML**

Developed a machine learning-based project where users can input their symptoms, and the ML model predicts the diseases based on the symptoms. The project also suggests relevant doctors along with their contact information.

- PORTFOLIO WEBSITE - HTML | CSS | JS — [LINK](#)**

## TECHNICAL SKILLS

Programming Language	Familiarity with technologies	DBMS & Version Control
C++, Python	HTML, CSS, JS, Data Visualization: <b>Tableau</b> , Excel Dashboards	MongoDB, MySQL, Git, VSCode

- Strong problem-solving and analytical skills
- Good communication and teamwork skills

- Understanding of data structures and algorithms.
- Knowledge of software development & methodologies

## COMPETENCIES & AREA OF INTEREST

- **Software Development · System Design · AWS · Blockchain · Data Analysis · Machine Learning · Team Leadership · Performance Optimisation**

## EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Secured 2538 AIR Gate 2022
- Secured 4th rank in B.Tech CSE academic
- LANGUAGES - English (Professional) Hindi (Native) Gujarati (Native)
- Organised AI-Submit with leader's in field at KIET May 16 2025



Scan Rachit Patel's CV