

ADARSH KUMAR

B.Tech Student in Computer Science and Engineering

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PROJECTS

V-Doc: AI Medication Assistant Jul 2023

- An AI-driven virtual doctor using Python and React.js
- Utilized **Langchain** and **Pinecone** for data-driven assistance, prioritizing safety and efficacy (RAG utilized)

cOLX: College OLX Platform Aug 2023

- Engineered a college-focused online exchange platform leveraging **Node.js**, **Express.js**, and **React.js** frameworks
- Managed goods, lost and found, and maintenance

AI Chatbot Assistant Jul 2023

- Developed a custom **AI chatbot** assistant using Python, integrated with both **Telegram** and **Discord** platforms
- Leveraged **RAG**, **OpenAI API**, **Langchain**, and **Pinecone** for advanced functionality, enabling enhanced responses

Real-time chatroom Mar 2023

- Built a real-time chat app using **Node.js** and **Socket.io**
- Enabled instant messaging for seamless user interaction

YouTube Ad Skipper Apr 2023

- Created a **Chrome web extension** to skip YouTube ads
- Streamlined streaming for uninterrupted enjoyment

Trash N Treasure: Recycling Portal Jan 2024

- Developed a web portal connecting communities and recycling industries, powered by **Node.js** and **MongoDB**
- Promoted eco-friendly waste management

Student Dashboard Oct 2023 - Present

- Built an **student dashboard** with **Node.js** and **MongoDB**
- Maximized educational tools for engaging learning

INTERESTS

- Software Engineering and SaaS Development.
- Computer Science, with a focus on web development.
- Participating in Capture The Flag competitions.
- Constantly learning new tech and exploring Linux.

EDUCATION

B.Tech in Computer Science and Engineering

Rajkiya Engineering College **CGPA: 8**

z 2022 – 2026 * Mainpuri, Uttar Pradesh

11th - 12th Standard

Sarvajanik Vidyalaya **Grade: 80%**

z 2019 – 2021 * Daman, Daman and Diu

10th Standard

Coast Guard Public School **Grade: 71%**

z 2018 – 2019 * Daman, Daman and Diu

1st - 9th Standard

KVS - Kendriya Vidyalaya Sangathan **Grade: 86%**

z 2010 – 2018 * Vizag

SKILLS

Programming Languages:

Python Javascript Java C/C++ Bash/Shell

Tools and Libraries/Frameworks:

Node.js Flask Langchain Socket.IO Express.js

BeautifulSoup React.js Git/Github Telegram SDK

Mongoose Discord SDK Linux Tmux OpenAI

Object Oriented Programming Systems Generative AI

Data Structures and Algorithms Web Development

Version Control (Git) CLI Development DBMS

STATS

- **Certified 5-Star rated** in Python Programming, Problem Solving, and **Java** on HackerRank.
- **3-Star rated** on CodeChef with 1600+ rating
- 1000+ rating on Codeforces.