



Nij Padariya

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M.Tech - Computer Science Engineering
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GitHub | Website

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Tech.	Indian Institute of Technology, Kanpur	8.33 (Current)	2023-Present
B.Tech.	G H Patel College Of Eng. and Tech., Anand,Gujarat	9.01	2018-2022
Senior Secondary	Gujarat Board	85.00%	2018

PROJECTS

- **Smart Agriculture Solution** Aug. 2023 - Nov. 2023
Course Project, CS724 Github
 - The Agricultural Smart Solution demonstrates the transformative potential of technologydriven approaches in agriculture
 - By empowering farmers with real-time soil data and precise nutrient supply controls, the project exemplifies how technology can significantly enhance agricultural practices for sustainable and efficient crop production.
 - Developed a soil monitoring app enabling real-time NPK readings; users can remotely control nutrient levels by sending signals to an Arduino-equipped system, fostering efficient soil nutrient management.
- **Youtube-clone** Dec. 2023 - Jan. 2024
Self-Project Github
 - Developed a comprehensive backend system for a YouTube-like platform, encompassing features such as video management, playlists, user profiles, comments, and likes for a seamless and feature-rich user experience.
- **Full Stack PortFolio** Dec. 2023 - Jan. 2024
Self-Project Github | Website
 - Crafted a dynamic and responsive Full Stack Portfolio showcasing a blend of frontend technologies (React js, Css) for an engaging user interface and backend (Express, SendGrid) functionalities to exhibit a diverse range of skills, projects, and experiences.
- **Currency Converter** Dec. 2023 - Jan. 2024
Self-Project Github
 - Designed a Currency Converter with real-time exchange rates utilizing APIs for accurate data retrieval, coupled with a sleek and responsive user interface implemented with Tailwind CSS for a visually appealing and user-friendly experience.

SKILLS

- **Programming:** Python, C/C++, Java
- **Web Development:** Html, CSS , JavaScript, React js, Node js, Express , Tailwind ,Figma
- **Data Base:** MySql , MongoDB

KEY COURSES TAKEN

- **DESIGN AND ANALYSIS OF ALGORITHMS, CS602: B**
- **INTRODUCTION TO MACHINE LEARNING, CS771: C+**
- **SENSING COMMUNICATIONS AND NETWORKING FOR SMART WIRELESS DEVICES,CS724: A**

POSITIONS OF RESPONSIBILITY

- **Managed Network Expert**, Chegg Inc. Apr 2022 - Mar 2023
 - Solve Doubt Related different topics of Computer Science
- **Summer Intern**, The Sparks Foundation May. 2021 - June. 2021
 - web development. in which i made a dynamic website that will use for payment gateway and controll basic details like name , total money , and history of transaction of user.

ACHIEVEMENTS

- **GATE 2023**, Secured **AIR 339** among 77000 candidates appearing for the test 2023
- **Silver-Elite**, Thoery Of Computation, IIT Kanpur, NPTEL 2023

EXTRACURRICULARS

- **Marketing Head**, Computer Society Of India(CSI)
- **Student Volunteer**, Rotaract Club