

Harpalsinh Chudasama

surat, Gujarat

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EDUCATION

Gandhinagar University, Ahmedabad

B.E. - Informarion and technology - CGPA - 7.79

2019 – 2023

Ahmedabad, Gujarat

Focus Areas

- Full-Stack Development
- Python Engineering
- UI/UX Design

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL

Technologies/Frameworks: React.js, HTML5, CSS3, JSON

Tools: VS Code, PyCharm, Postman, Git

EXPERIENCE

SDE Intern at Vnurture Technologies | [HTML/CSS, JS, Reactjs](#)

July 2022 - October 2022

- Working on a Full Stack Project Using various Coding Methodologies.
- Developed a user-friendly question and answer platform with essential features.
- Implemented user authentication, search functionality, and a voting system for ranking answers.
- Handle the Database and created a responsive front-end using HTML, CSS, and JavaScript.

Freelance Frontend Dev & UI/UX Designer | [React.js, Figma, Wireframing](#)

June 2021 - Present

- Utilized frontend technologies to develop user-friendly applications, enhancing user engagement through intuitive interfaces and effective design principles while collaborating with cross-functional teams to gather requirements and design application architecture.
- Leveraged tools like Figma for creating UI designs and prototypes, applying user research and usability testing to continuously improve user satisfaction and ensure a seamless user experience.

Freelance Software Developer | [Python, SQL, RESTful APIs, JSON](#)

June 2021 - Present

- Developed robust backend services and API endpoints for various applications, prioritizing secure data handling and efficient communication between systems, which enhanced my expertise in backend .
- Designed and implemented optimized database schemas, improving data storage efficiency and retrieval performance, thereby reinforcing my understanding of database management and architecture.

PROJECTS

Personal Website [🔗](#) | [HTML, CSS, JavaScript](#)

2024

- Created a personal portfolio website to showcase projects and skills, focusing on clean UI design and responsive layout.
- Implemented sections for skills, projects, and contact details, providing an interactive user experience.

Scanned PDF Data Extraction Engine [🔗](#) | [Python, SQL, JSON](#)

2024

- Developed a Python engine for extracting data from scanned PDFs, handling challenges like zoom, angle and variations.
- Utilized JSON mappings for detecting data fields and saved extracted data into an SQL database.
- Implemented API endpoints for uploading PDFs and retrieving extracted data, secure and efficient data handling.
- Ensured high accuracy in data extraction through robust error handling and preprocessing techniques.

AI-Powered Video Processing Web Application [🔗](#) | [Flask, Selenium, OpenCV, Python](#)

2024

- Developed a Flask web application that generates custom videos from user-uploaded images and text prompts using the Vidu AI platform, ensuring a seamless user experience.
- Automated video generation with Selenium WebDriver, maintaining browser visibility for debugging and process transparency, while utilizing OpenCV for video processing and frame extraction.
- Implemented secure session management with Flask-Session, efficiently handling file uploads and downloads with robust error handling to enhance application reliability.