

Dev Shah

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Bachelor of Technology

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 [Github](#)

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Education

· Bachelor of Technology in Information Technology

Chandubhai S Patel Institute of Technology (CSPIT), India

2023-27

CGPA: 9.79

PERSONAL PROJECTS

· SkillQuest Career Guidance Platform

A web application that leverages AI to provide personalized career recommendations tailored to users' skills, experiences, interests, and aptitudes.

Github Link : [SkillQuest](#)

- Uses Next.js for a high-performance, server-side rendered frontend and Node.js/Express with MongoDB for scalable backend data management.
- Integrates Ollama's LLaMA AI model for advanced NLP-driven career matching and OAuth 2.0 for secure, multi-factor authentication.
- Employs Tailwind CSS for fast, responsive UI development, ensuring an engaging user experience across devices.
- Technology Used: Next.js, MERN, Ollama's LLaMA, OAuth 2.0, Tailwind CSS, Twilio, GitHub Actions.

· Creator Fundraiser Web App

A web application that enables creators and fundraisers to build personalized pages and securely receive funds.

Github Link : [Creator Fundraiser Web App](#)

- Uses Next.js (with SSR & SSG) and Next_auth for high-performance and secure authentication.
- Integrates Razorpay API for payment processing and Tailwind CSS for fast, responsive UI.
- Technology Used: Next.js, Next_auth, Razorpay API, Tailwind CSS, MongoDB, MERN, GitHub Actions.

· Jarvis – Terminal Based Virtual Assistant

A command-line virtual assistant built in Python that responds to voice commands and performs everyday tasks like opening websites, playing music, and reading the news.

Github Link : [Jarvis Virtual Assistant](#)

- Listens to voice commands via speech_recognition and responds using pyttsx3.
- Opens popular websites and plays music using a custom library.
- Reads top Indian news headlines using NewsAPI..
- Plays songs via links stored in a custom music library module.
- Technology Used: Python, SpeechRecognition, Google Speech API, pyttsx3, webbrowser, requests, NewsAPI, Pocketsphinx.

· Simple Chatbot Using Streamlit

A web application that offers an intuitive chat interface with built-in conversational memory for dynamic, context-aware interactions.

Github Link : [Chatbot](#)

- Uses Streamlit for a modern web experience and Langchain's ConversationChain for maintaining context during chats..
- Secure & Easy Setup: Simply enter your Groq API key and start chatting instantly..
- Technology Used: Streamlit, Langchain, Groq API, GitHub Actions..

Data Structures & Algorithms

· LeetCode - [Leetcode Profile](#)

- Solved **290+ problems** across different topics majorly in Array, String & Linked List
- Published **30+ detailed solutions** with **750+ views**
- Ranked in **Top 350k coders** globally

· Coding Ninjas - [Coding Ninjas Profile](#)

- Solved **150+ problems** across core DSA topics
- **College Topper (1x)** among 55 participants
- **Ninja Dominator League Topper (3x)** – reached and topped leaderboard multiple times

SKILLS and INTERESTS

Languages: C/C++, Python, Javascript, HTML+CSS, Java

Libraries : Python Libraries, Javascript Libraries

Web Dev Tools: Nodejs, VScode, Git, Github

Frameworks: ReactJs, NextJs

Cloud/Databases: MongoDB, SQL

Areas of Interest: AI ML & Blockchain

Soft Skills: Problem Solving, Self-learning, Presentation, Communication

Certifications / Online Courses

- **Nptel** Data Structures & Algorithms using Java
- **Nptel** Database Management System
- **Nptel** Problem Solving in C++
- **DataCamp** Python Beginner & Intermediate
- **DataCamp** Statistics in Python
- MongoDB Node.js Developer Path
- HackerRank Java Certification
- Git & Github

Achievements

- Winner of Graphics Gladiator Flagship Contest in Cognizance Techfest by CHARUSAT
- Achieved 10 SGPA in 2nd Sem