Vihar Prajapati

Date of birth: 11/06/2002

Nationality: Indian

Gender: Male

CONTACT

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👤 https://github.com/Viharp2002
(Github)

WORK EXPERIENCE

DHIRUBHAI AMBANI INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGY Gandhinagar, India

Research Analyst
03/06/2024 – 01/08/2025
Handling Hindi-Gujarati language translation using NLP (Natural Language Processing) and annotate Gujarati text for parsing and NER (Named Entity Recognition) in an interface by IIT Hyderabad, monitored by DAIICT.

CHEGG Remote

Mathematical Analyst (Calculus & Statistics)
28/11/2023 – 12/11/2024
Passionate mathematics expert at Chegg, simplifying complex calculus and statistics concepts to help students learn with clarity and confidence. Dedicated to making problem-solving intuitive through logical precision and real-world relevance.

DHRUSOFT Anand, India

Intern - Software Developer
01/12/2023 – 01/06/2024
As an intern, I explored and learned MongoDB, Express JS, Node JS, React JS, and Python, later applying them to live projects. I primarily used MERN stack to build web applications.

ALIAN SOFTWARE Anand, India

Intern - Backend Developer
01/06/2022 – 30/06/2022
Worked as a NodeJS Developer intern, gaining hands-on experience with libraries like Nodemailer, CORS, and ExpressJS. Developed three real-time projects, leveraging NodeJS libraries and API integrations to build efficient backend solutions.

EDUCATION AND TRAINING

01/10/2025 – CURRENT Hamburg, Germany

Master of Science in Data Science Technische Universität Hamburg

18/08/2020 – 24/06/2024 Anand, India

Bachelor of Technology in Computer Engineering Gujarat Technological University

Final grade 8.07

SKILLS

PROGRAMMING

C | C++ | PHP | Java | JavaScript | SQL | Python

FRAMEWORKS AND LIBRARIES

ExpressJS | NodeJS | ReactJS | MongoDB | Flask | Tensorflow | Bootstrap

TOOLS AND PLATFORMS

JIRA | Git | AWS | Kubernetes | Azure

DATA SCIENCE AND ANALYTICS

Python (Matplotlib, Seaborn) | Microsoft Excel | Power BI

LANGUAGE SKILL

- **German**
- **English**
- **Hindi**
- **Gujarati**

PROJECTS

30/11/2024 – 28/01/2025

StreamFlex

Developed a lightweight streaming platform using microservices, Kubernetes, and Terraform, with CI/CD integration for scalable and reliable deployment.

04/07/2024 – 05/08/2024

AI-powered Equity Assistant

Developed a LangChain and OpenAI-powered tool with Streamlit to extract insights from news articles for equity research. Enables financial analysts to make informed decisions with accurate, context-aware responses and a scalable modular design.

01/01/2024 – 01/06/2024

MedVistaHub - Medical Record Software

Built a medical collaboration platform with ML-based disease prediction using NodeJS, ReactJS, and Python.

01/06/2023 – 30/08/2023

Time And Work Tracking System

Developed Time and Work Tracking System for a company using NodeJS, ReactJS, ExpressJS, and MongoDB to track employee tasks, completion times, and performance.

HONOURS AND AWARDS

07/10/2022 SSIP, Gujarat Government

Azadi Ka Amrit Mahotsav Hackathon

Team leader in 'Azadi Ka Amrit Mahotsav Hackathon' organized by SSIP branch, Government of Gujarat, India.

26/08/2022 Google Developers Student Clubs

Coding Fest

3rd finalist in a coding fest organized by Google Developer Student Clubs.

16/04/2022 Birla Vishvakarma Mahavidyalaya

Publicity Head

Publicity Head in 'UDAAN', a cultural festival at the college.

HackerRank, GeeksForGeeks, LeetCode

Coding Problems

Successfully solved over 500 problems on data structures across various platforms.

01/04/2023 Indian Institute of Technology Kharagpur (IIT-Kharagpur)

NPTEL Online Certification

Successfully completed the course on "Introduction to Industry 4.0 and Industrial IoT" with an Elite certification, securing 83% and ranking in the Top 1% of 7,689 candidates.