

HARSHAL PARMAR

VADODARA , INDIA

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SUMMARY

Tenacious final year B.Tech CSE student with a passion for technology and a strong foundation in computer science. Proficient in Python with Hands-on experience in deploying AI models and full stack development with expertise in front-end (HTML, CSS, JavaScript, React) and back-end (Node.js, Express) technologies. Hands-on experience with databases (MongoDB, SQL) and leveraging Microsoft Azure for cloud computing and deployment and adept at version control with Git. Excellent problem-solving skills and a quick learner, eager to contribute innovative solutions while continuously expanding knowledge.

EDUCATION

Parul University

Bachelor of Technology in Computer Science

Jun 2021 – May 2025

Vadodara, Gujarat

EXPERIENCE

TECHNOHACKS EDUTECH

Mar 2024 – Apr 2024

Data Analyst Intern

Virtual

- Cleaned and transformed raw datasets into structured formats for further analysis.
- Conducted end-to-end analysis to identify gaps and propose solutions.
- Interpreted data and analyzed results using various statistical techniques.
- Utilized Python libraries such as NumPy and Pandas for data manipulation tasks.

Microsoft Future Ready Talent Program Internship

Mar 2024 – May 2024

FRT Intern

- Completed a comprehensive training program focused on building industry-relevant skills in cloud computing, app development, and emerging technologies.
- Participated in weekly virtual instructor-led sessions, coding labs, and collaborative team projects.
- Hands-on training in Microsoft Azure and the development of a cloud-native application as a capstone project.

PROJECTS

NoteVerse | *Python, React, Docker*

Apr 2024 – Present

- Created a web-based cross-platform application that facilitates the synchronization of bookmarks, annotations, and notes related to ebooks and files across multiple devices.
- Enabled integration with popular cloud storage services such as Google Drive, Nextcloud, and OneDrive, allowing seamless access to user data.
- Implemented a script to circumvent Digital Rights Management (DRM) restrictions and remove copyright metadata from ebooks.

BlogTonic | *MongoDB, Express, React, Node*

Mar 2024 – May 2024

- Developed a full-stack blogging platform using MERN stack with user authentication, file uploads, social features, user blocking, and post scheduling.
- Integrated functionalities to hide posts from blocked users and reveal scheduled posts at specified times.
- Delivered a comprehensive blogging platform with real-world functionalities, enhancing user experience and content management.

NLP Sentiment Analysis for US Election | *Python*

May 2024

- Performed sentiment analysis using natural language processing (NLP) techniques on Twitter data related to US elections, with the goal of forecasting election outcomes.
- Utilized Python libraries including pandas, NumPy, matplotlib, plotly, re, NLTK, and textblob to preprocess the data, conduct exploratory data analysis, and implement sentiment analysis algorithms.
- Analyzed and visualized the processed data to uncover insights and patterns that could inform predictions about future election results.

Face-Based Attendance System | *Python*

Jan 2024

- Developed a face attendance system using Python, OpenCV, and computer vision techniques.
- Implemented face detection, image preprocessing, and data serialization for building facial datasets.
- Integrated live video capture, facial recognition, and attendance marking functionalities. Utilized file operations, NumPy arrays, and OpenCV's multimedia I/O for seamless execution.

TECHNICAL SKILLS

Programming Languages: Python, C, HTML/CSS

Frameworks: React, Bootstrap, Node.js (Express), Scikit-Learn, TensorFlow

Developer Tools: VS Code, Azure Platform, Git, Docker

Databases: MySQL, MongoDB

SOFT SKILLS

Analysis Skills, Teamwork and Collaboration, Communication skills

CERTIFICATIONS

- Microsoft Certified: Azure Data Fundamentals
- Microsoft Certified: Azure AI Fundamentals
- Microsoft Certified: Security, Compliance, Identity Fundamentals
- Software Engineering - NPTEL
- Networking Essentials - Cisco
- SQL (Intermediate) - HackerRank
- CyberShikshaa Fundamentals conducted by Quick Heal Academy
- Cyber Security and Digital Forensics - Conducted by IIIT Kota

ACHIEVEMENTS

- Microsoft: Build a natural language processing solutions with Azure AI Language
- Microsoft: Build an Azure Vision Solution
- Microsoft: Create an intelligent document processing solution with Azure AI Document Intelligence
- Microsoft Learn: Cloud Skills Challenge at Ignite - 2023
- Microsoft Learn: AI Skills challenge April - 2024