

# HARSH CHAUHAN

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## SUMMARY

- Proactive and detail-oriented Computer Engineering student with a strong passion for Artificial Intelligence and Machine Learning.
- Skilled in Python, data analysis, and model development, with a solid understanding of AI-driven problem-solving.
- Demonstrates strong analytical thinking, teamwork, and communication skills, with a commitment to continuous learning and innovation in technology.

## SKILLS

Programming Languages : C, C++, Java, Python

Web Technologies : HTML, CSS, JavaScript

Database Management : MySQL, SQLite

Technical Skills : Data Structures, Algorithms, DBMS, Computer Networks, Operating Systems, Web Development, AIML

Software & Tools : Git, VS Code, Jupyter Notebook

Python Libraries : NumPy, Pandas, Matplotlib, Scikit-learn

Soft Skills : Communication, Problem Solving, Team Collaboration, Logical Thinking

## EDUCATION



### Bachelor of Engineering - Computer Engineering

A D Patel Institute of Technology, CVM University

2021 - 2026 Anand, Gujarat

CGPA

9.12 / 10

- Gained practical understanding of core Computer Engineering concepts including Data Structures, DBMS, Operating Systems, and Object-Oriented Programming, with hands-on implementation using Python, C++, and Java.
- Acquired foundational knowledge in Artificial Intelligence and Machine Learning algorithms, data preprocessing, and model evaluation using tools like NumPy, Pandas, Matplotlib, and Scikit-learn.
- Developed essential technical and professional skills such as problem-solving, teamwork, version control (Git/GitHub), and documentation using MS Office and Google Workspace.

## EXPERIENCE



### Flutter App Development Intern

Elsner Technologies Pvt. Ltd.

05/2025 - 06/2025 Ahmedabad, India (Remote)

- Developed a cross-platform mobile application using Flutter and Dart, implementing user authentication, responsive UI, and Firebase integration.
- Collaborated within an Agile development team, using Git/GitHub for version control and contributing to UI/UX enhancements and code optimization.
- Gained hands-on experience in mobile app architecture, state management, and real-world development workflows, strengthening problem-solving and teamwork skills.

## PROJECTS

### Timetable Management System

10/2024 - 11/2024

- A web app for managing clash-free schedules and attendance with separate portals for admins, faculty, and students.
- Implemented features for admin-controlled scheduling, faculty-side attendance marking, and student-side attendance insights with day-wise filtering.
- Technologies used: Java, JSP, Servlets, MySQL, Apache Tomcat, MVC architecture.

### CleanSphere – Urban Cleanliness Tracker Mobile App

03/2025 - 04/2025

- A React Native mobile app for reporting and resolving urban cleanliness issues with photo uploads, GPS tracking, and real-time notifications.
- Implemented user impact scoring, community engagement features, and a municipal dashboard for managing and resolving reports.
- Technologies used: React Native, Firebase (Auth, Firestore, Storage), React Navigation.

### AI News Summarizer with Sentiment Analysis

09/2025 - 10/2025

- Developed an AI-powered desktop application using Python (Tkinter) that extracts and summarizes news articles directly from a given URL.
- Integrated Natural Language Processing (NLP) techniques and VADER Sentiment Analysis to evaluate the emotional tone (positive, negative, or neutral) of the content.
- Designed a modern, responsive user interface with real-time progress indicators, multi-threading for smooth performance, and clear visual sentiment feedback.

## CERTIFICATION

### Machine Learning with Python

IBM

### Data Analysis with Python

IBM