

# JADEJA PRATHAM

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 LinkedIn  GitHub

## Profile Summary

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I'm a curious and creative developer with a strong interest in both web technologies and AI-powered applications. Over the past year, I've built diverse projects—from a crypto prediction system using Streamlit and machine learning to an offline image generation tool with Stable Diffusion and ComfyUI, and a personalized health tracking website using HTML, CSS, and JavaScript. I take pride in writing clean code, designing user-friendly interfaces, and learning new tools that push my skills forward. Whether it's frontend design or experimenting with AI workflows, I love working on ideas that solve real problems.

## Experience

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### **GenAI Powered Data Analytics**

07/2025 – 08/2025

Tata iQ | Forage

India

- Completed a job simulation involving AI-powered data analytics and strategy development for the Financial Services team at Tata iQ.
- Conducted exploratory data analysis (EDA) using GenAI tools to assess data quality, identify risk indicators, and structure insights for predictive modeling.
- Proposed and justified an initial no-code predictive modeling framework to assess customer delinquency risk, leveraging GenAI for structured model logic & evaluation criteria.
- Designed an AI-driven collections strategy leveraging agentic AI and automation, incorporating ethical AI principles, regulatory compliance, and scalable implementation frameworks.

### **AI: Transformative Learning Intern**

01/2025 – 03/2025

Microsoft | SAP | TechSaksham

India

- Built a local, offline image generation pipeline using Stable Diffusion, integrated with ComfyUI. Configured and enhanced the workflow for efficient image rendering with customizable prompts. Focused on user-friendly interface design, and optimized performance for high-quality output.
- I gained valuable experience working within TechSaksham, applying learned concepts directly to relevant work situations.
- Participated in workshops and presentations related to projects to gain knowledge.
- Prepared project presentations and reports to assist senior staff.
- Contributed to project success by diligently performing literature reviews.

## Projects

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### **Crypto Trend Analyzer & Price Predictor**

04/2025 – 05/2025

Python | Streamlit | LSTM | TextBlob | NewsAPI | CoinGecko

- Developed a real-time crypto prediction dashboard using LSTM-based modelling and integrated sentiment analysis from live news articles.
- Used CoinGecko API for historical price data and NewsAPI + TextBlob to score market sentiment.
- Deployed a fully interactive web app using Streamlit with visualized predictions.

### **Personalized Health Tracking Website**

01/2025 – 04/2025

HTML | CSS | JavaScript

- Designed and developed a responsive web application for personalized fitness and diet tracking using HTML, CSS, and JavaScript, ensuring seamless user experience across devices.
- Implemented interactive features for goal setting, progress monitoring, and daily activity logging, enabling users to track health metrics effectively.
- Prioritized modular front-end code, preparing the project for future integration with backend services (like cloud syncing or AI-based recommendations).

## Skills

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- **Programming Languages:**

Python, JavaScript

- **Tools & Platforms:**

Git, Figma, WordPress

- **Web Technologies:**

HTML5, CSS3

- **Frameworks & Libraries:**

Streamlit, Flask, Pandas, NumPy, TensorFlow, React.js, Matplotlib, Seaborn

- **Core Competencies:**

Data Analysis & Visualization, Time Series Forecasting, NLP, API Integration, Machine Learning

## Education

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- **B.Tech in Computer Science & Engineering**

ITM (SLS) Baroda University

09/2021 – 12/2025

Vadodara, Gujarat

- **H.S.C : Science (Group A - Mathematics)**

Shree Navdurga High School

Rajpipla, Gujarat

## Certifications

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- Internship in "AI: Transformative Learning" - TechSaksham [↗](#)

- Machine Learning Using Python - Simplilearn [↗](#)

- AI/ML Basics - Analytics Vidhya [↗](#)

- Introduction to Data Science - Simplilearn [↗](#)

- GenAI Powered Data Analytics - Forage(TATA) [↗](#)

- Data Analyst 101 - Simplilearn(Microsoft) [↗](#)

- Generative AI - Simplilearn [↗](#)

- Big Data Analytics - Great Learning [↗](#)

## Languages

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GUJARATI



HINDI



ENGLISH

