

# TIRTH JAIN

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## WORK EXPERIENCE

### Curious Click Digital Agency

Backend Development Intern

Apr'25 - Sep'25

- Received hands-on training in backend technologies including **Django**, **Django REST**, **CodeIgniter**, **Laravel**, and **WordPress** with focus on building and integrating scalable applications and dynamic websites.
- Developed and optimized scalable backend solutions in **WordPress**, customizing **5+** websites to improve responsiveness and reduce load time by **25%**.
- Developed a scalable **Laravel**-based backend architecture for a mobile app with **12+ REST APIs**, **scheduling** feature, and **sanctum authentication**, along with an **admin panel** that reduced content update time by **80%**.
- Conducted debugging and performance testing of APIs, reducing system errors and improving API response time by **15%**.

### InfoLabz IT Services Pvt. Ltd.

Data Science Intern

Jun'24 - Jul'24

- Implemented a House Price Prediction model using **Multiple Linear Regression**, improving accuracy by **18%** through feature engineering and analysis of **10,000+** housing records.
- Deployed the model as an interactive web application using **Flask**, **HTML**, **CSS**, and **JavaScript**, enabling intuitive user interaction and real-time predictions.

## EDUCATION

### Government Engineering College, Gandhinagar

BE, Computer Engineering - 8.01 CGPA

2021 - 2025

## PROJECTS

### Disease Prediction System

- Developed a full-stack AI-driven health diagnostics platform using **Flask**, achieving high classification accuracy with **Support Vector Classifier (SVC)** on a dataset of **40** diseases based on user symptoms.
- Integrated features such as an **AI-powered medical chatbot** and **OCR-based report analysis using Tesseract** to simplify complex health records for users.
- Built using : Python, Flask, HTML, CSS, JavaScript

## SKILLS

- **Programming Languages:** C, C++, Python
- **Web Development:** HTML, CSS, JavaScript, PHP, WordPress
- **Frameworks:** Flask, Django, Django REST, Laravel, Bootstrap
- **Databases:** MySQL, SQLite
- **Data Analysis & Machine Learning:** NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn
- **Tools & Platforms:** Git, GitHub, Postman, Fork (Git GUI), WAMP

## ACHIEVEMENTS

- AIR 4711 in GATE CS 2025
- Rank 1802 in GUJCET 2021