TIRTH JAIN

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WORK EXPERIENCE

Qurious Click Digital Agency

Backend Development Intern   Apr'25 - Sep'25

- Received hands-on training in backend technologies including **Django**, **CodeIgniter**, **Laravel** and **WordPress** with focus on building and integrating scalable applications and dynamic websites.
- Developed and optimized backend solutions in **WordPress**, customizing **5+** websites to improve responsiveness and reduce load time by **25%.**
- Developed a **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 on dataset 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

Bachelor of Technology in Computer Engineering - 8.01 CGPA   2021 - 2025

PROJECTS

Student Management System 🔗

- Developed a Student Management System with **role-based access** (Student, Teacher, Admin) supporting **authentication** (login, register, logout, forgot password) and dedicated dashboards.
- Implemented **CRUD operations** for students and teachers with a real-time **notification system.**
- Built using : Python, Django, HTML, CSS, Bootstrap, JavaScript

Disease Prediction System 🔗

- Developed a Disease Prediction System that predicts diseases based on user symptoms, covering **40+ diseases** along with medications, diet, workouts, and detailed disease information.
- 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, Bootstrap, JavaScript

SKILLS

- **Programming Languages:** C, C++, Python
- **Web Development:** HTML, CSS, JavaScript, PHP, WordPress
- **Frameworks:** Flask, Django, Laravel, Bootstrap
- **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