

DHRUMIL TRADA

Ahmedabad

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EDUCATION

LJIET, Lok Jagruti University, Ahmedabad

B.E. - Computer Engineering - CGPA - 9.37

2022 – 2026

Ahmedabad, Gujarat

COURSEWORK / SKILLS

- DSA
- DBMS - PostgreSQL
- Python
- Django
- Oops Concepts
- Java
- Machine Learning
- MERN STACK

PROJECTS

DriveHex CarRentals [🔗](#) | React, Django, Djoser, SimpleJWT, REST API, PostgreSQL

2024

- Designed and implemented user authentication with registration, login, password reset, and activation features.
- Configured **JWT-based authentication** with refresh token support.
- Developed **RESTful APIs** using **Django REST Framework** for seamless backend communication.
- Created an interactive UI in React for a dynamic car listing and booking experience.
- Integrated **PostgreSQL** for efficient data management.
- Ongoing: Implementing payment gateway integration using **Razorpay**.

Desktop Cleaner [🔗](#) | Python, Tkinter, HashLib (Hashing Library)

2023

- Automated file sorting based on extensions within a selected folder.
- Designed a Windows UI using **Tkinter** to facilitate folder selection for duplicate file detection.
- Utilized a **hashing algorithm** to identify duplicates based on file content rather than file names.
- Generated unique hash codes for content-unique files to enable efficient duplicate file removal.
- Provided an interactive **pie chart** visualization of file types and their respective storage usage.

Cruise Culture [🔗](#) | HTML, CSS, JavaScript, jQuery

2023

- Developed the front-end for a car database website using **HTML** and **CSS**.
- Utilized a vast **CSV dataset** containing Indian and international car specifications and features.
- Implemented an **autocomplete dropdown** using **jQuery** for quick car searches.
- Dynamically displayed car details from the CSV file on the webpage.

Job Portal Application | React, Redux Toolkit, Node.js, Express, MongoDB, Vite, ShadCNUi

2024

- **App Demo:** Showcased full application functionality with a detailed walkthrough.
- **Backend Setup:** Configured Node.js with Express and connected to MongoDB database.
- **Models Creation:** Designed database models for User, Company, Job, and Applications.
- **User Controller:** Created middleware, routes, and APIs for user management.
- **API Testing:** Conducted extensive API testing for all user-related routes.
- **Company Controller:** Implemented APIs for company data management.
- **Job Controller:** Developed APIs for job postings and job management.
- **Application Controller:** Built APIs for handling job applications.
- **Frontend Setup:** Configured React with Vite and ShadCNUi for a clean and interactive UI.
- **State Management:** Integrated Redux Toolkit for global state management.
- **Multer Integration:** Set up Multer for file upload functionality.
- **Custom Hooks:** Created custom hooks to fetch and display jobs dynamically.
- **Pages Built:** Developed multiple pages including Navbar, Login/Signup, Home, Jobs, Browse, Profile, and Job Description.
- **Admin Logic:** Designed admin-specific pages to manage jobs, companies, and applicants.
- **Search and Filter:** Implemented logic to browse and filter jobs based on criteria.
- **Apply Job Feature:** Developed the functionality to allow users to apply for jobs.
- **Route Protection:** Secured routes to protect sensitive pages and features.
- **Animations:** Enhanced user experience by integrating Framer Motion for animations.

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, PostgreSQL, Python
- **Technologies/Frameworks/Libraries:** HTML5, CSS3, React, MongoDB, Express, Javascript, NodeJS, TailwindCSS, Django, numpy, pandas, matplotlib, sklearn,
- **Developer Tools:** VS Code, IntelliJ, Canva

CODING PLATFORMS

- Solved **90+** Problems on **Leetcode**. [!\[\]\(31b03e46ee8a80a1f1467b8c03bd76e8_img.jpg\)](#)
- **5 star** Python coder **HackerRank**. [!\[\]\(7d9665ff04f9d2270c38081c6215a724_img.jpg\)](#)

CERTIFICATIONS

- Introduction to Java - LearnQuest
- Exploratory Data Analysis for Machine Learning - IBM
- HTML, CSS, and Javascript for Web Developers - Johns Hopkins University
- Database Design and Basic SQL in PostgreSQL - University of Michigan
- Inheritance and Data Structures in Java - University of Pennsylvania