RAJ GAJJAR

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SUMMARY

Computer Science student with hands-on experience developing full-stack web applications using JavaScript, Python and modern frameworks. Experience includes developing a task management tool with OAuth authentication, an AI-powered inventory system with computer vision capabilities, and a spaced-repetition learning app. Strong foundation in data structures and algorithms with a passion for understanding complex algorithmic solutions.

EDUCATION

LJ INSTITUTE OF TECHNOLOGY   *Sept 2023 – Aug 2027*
Bachelor of Engineering in Computer Science and Engineering

- CGPA: 8.6/10.0
- **Coursework:** Data Structures And Algorithms, Database Management System, Advanced Calculus

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C++, SQL

Web Development: HTML5, CSS3, React.js, Node.js, Django, FastAPI, REST APIs

Libraries & Frameworks: Tailwind CSS, NumPy, Pandas, Scikit-learn, Selenium, shadcn/ui, Matplotlib, Seaborn

Databases: SQLite, MySQL, PostgreSQL, MongoDB, Redis

Tools & Platforms: Git, GitHub, Docker, Linux, VS Code, Supabase

PROJECTS

Taskify - Kanban Board App   *github* ↗

Developed a dynamic task management tool with drag-and-drop functionality using **JavaScript**.

Key Features:

- Implemented **OAuth 2.0** for secure social login.
- Built **RESTful APIs** with **Django** for backend operations.
- Designed responsive UI with **HTML/CSS** and real-time updates via **WebSockets**.

NoteKeep - Flashcard Notes App   *github* ↗

A spaced-repetition study tool to enhance memory retention.

Key Features:

- Built **SQLite** database with **Django** to store and manage flashcards.
- Designed card interactions using **HTML/CSS** and **JavaScript**.

Smart Inventory Management - AI-Powered Inventory Optimization App   *github* ↗

Developed an intelligent system to reduce waste by predicting expiry dates and generating recipes for soon-to-expire goods.

Key Features:

- Integrated **Gemini API** for AI-generated recipes based on inventory.
- Trained YOLO to detect freshness of fruits and vegetables.

ACHIEVEMENTS & CERTIFICATIONS

- **Hackathon Achievement:** Second Runner-up in HackNuthon - March 2025
- **LeetCode:** solved 125+ problems
- **HackerRank:** 3-star rating
- **Introduction to HTML, CSS and Javascript** - Dec 2024
- **Inheritance and Data Structures in Java** - May 2024