# Jitendra Dara

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## PROJECTS

**CarbonManthan** | *Django, Python* | GitHub | **Live**                                    Sep 2025
- Developed a backend MVP for a carbon credit trading platform aimed at restoring the carbon ecosystem.
- Engineered secure user transaction flows using **Django**.
- Implemented Role-Based Access Control (RBAC) to manage secure routing for Buyers, Sellers, and Admins.
- Deployed the backend on **Google App Engine** with **Cloud SQL (PostgreSQL)**.

**Linux Workstation Configuration** | *Bash, Hyprland, Lua* | GitHub                    Nov 2025 – Present
- Maintained a custom, highly reproducible Fedora/Wayland environment via Git, demonstrating strong Linux system-level proficiency.
- Scripted automated system provisioning workflows in Bash to eliminate manual setup and reduce friction.
- Configured a personalized Neovim IDE using Lua, integrating native LSPs and formatters.

**Smart Tourist Safety System** | *Hackathon Team Project* | GitHub                       Nov 2025
- Collaborated in a team of 4 to prototype a digital identity system concept for tourist safety.
- Drove the product presentation and technical feasibility pitch, securing 4th place out of competing university teams.

**Personal Website (Digital Garden)** | *Hugo, Go Templates* | GitHub                    2026 – Present
- Architecting a high-performance static environment using **Hugo**, focusing on a zero-JavaScript architecture.
- Engineering modular site components using **Go template** logic, creating reusable partials for dynamic tag clouds and automated post-navigation systems.
- Optimized site architecture by relying entirely on pure **CSS** for responsive design, maximizing load speed and minimalism.

## TECHNICAL SKILLS

**Languages**: C, C++, Python, SQL, Bash
**Tools & Platforms**: Git, Linux (Fedora/Wayland), Neovim, VS Code, Claude Code, Opencode, Google Cloud
**Core Competencies**: Data Structures & Algorithms, Competitive Programming

## ACHIEVEMENTS

**LeetCode**: Max Rating **1547**, Solved **400+** problems. Leveraged Python for rapid problem-solving and C for low-level memory management of custom data structures.
**CodeChef**: Max Rating 1276.
**Hackathons**: Ranked **4th** in Juethack 2025 (Internal University Hackathon).
**Smart India Hackathon (SIH)**: Participated in internal rounds with project CarbonManthan (2025).

## EDUCATION

**Jaypee University of Engineering & Technology**                                        Guna, MP
*Bachelor of Technology in Computer Science*                                             *2024 – Present*
- **CGPA**: 8.23 (Current)
- **Key Coursework**: Object Oriented Programming, Database Systems, Digital Systems, Data Structures.

**Jawahar Navodaya Vidyalaya**                                                           Nagaur, Rajasthan
*Senior School Certificate Examination (CBSE Class XII)*                                 *May 2023*

**Jawahar Navodaya Vidyalaya**                                                           Nagaur, Rajasthan
*Secondary School Examination (CBSE Class X)*                                            *August 2021*