

# Hardh Dave

hardhdave811@gmail.com | +91 9499518218 | Portfolio site

## SUMMARY

---

Computer Engineering student specializing in Backend and Web Development. Proficient in building scalable applications using Python (Django, Flask, FastAPI) and managing relational databases. Experienced in developing full-stack projects, implementing REST APIs, and improving website visibility using SEO tools such as Google Search Console.

## TECHNICAL SKILLS

---

- **Languages:** Python, HTML, CSS
- **Frameworks:** Django, Flask, FastAPI
- **Databases:** MySQL, SQLite
- **Developer Tools:** Git, GitHub, Google Search Console
- **Web Technologies:** SEO

## EDUCATION

---

**LDRP Institute of Technology and Research**  
Bachelor of Engineering in Computer Engineering

2022 – 2026  
*Current CGPA: [7.38]*

## PROJECTS

---

**AI Vitamin Deficiency Detection System (git | live)** Python, AI/ML, FastAPI/Flask

- Developed an AI-powered system to detect vitamin deficiencies through image analysis.
- Implemented a machine learning model that analyzes user-uploaded images to identify possible deficiency symptoms.
- Integrated an interactive chatbot to provide additional insights and answer user queries about health and nutrition.
- Designed an intuitive interface for easy image upload and real-time prediction results.

**Business Analytics Tool (git | live)** Python, Pandas, Openpyxl

- Built an automated system to process daily business Excel data and reduce manual workload.
- Implemented data analysis logic for profit margin and cost optimization insights.
- Generated automated reports and structured data summaries for decision making.

**Escrow-based Freelance Platform (git)** FastAPI, Next.js, PostgreSQL/SQLite, JWT

- Built a full-stack freelance platform with secure escrow-based payments for client-freelancer transactions.
- Implemented fund holding, conditional release, refund requests, and dispute resolution workflows.
- Designed a room-code based collaboration system for communication and project management.
- Developed JWT authentication, protected APIs, and a responsive Next.js frontend.

**Social Media Web Application (git)** Flask, MySQL, React

- Architected a full-stack platform for media sharing (photos/videos) and blogging.
- Engineered secure user authentication and a dynamic follow system.
- Developed RESTful APIs to connect the Flask backend with a responsive frontend.

**Developer Portfolio & SEO Project (git | live)** SEO

- Built a personal developer portfolio to showcase technical projects and skills.
- Implemented SEO optimization using Google Search Console to improve indexing and search presence.

## WORK DOMAIN EXPERIENCE

---

**Independent Web Development & Freelancing** 2024 – Present

- Developed backend-focused web applications using Python frameworks like FastAPI and Flask.
- Designed and integrated RESTful APIs with relational databases for structured and scalable systems.
- Built real-world projects involving authentication, payments, and workflow-based logic (e.g., escrow systems).
- Completed freelance-based development tasks, handling client requirements, minor feature builds, and debugging.
- Practiced version control and modular code architecture to maintain clean and maintainable codebases.

## CERTIFICATIONS

---

**Python for Data Science – NPTEL**

- Completed coursework covering Python programming for data analysis, data handling, and visualization.
- Learned practical usage of libraries for processing structured datasets and performing analytical tasks.