

YASH KARTHIYA

yash.karthiya.1066@gmail.com | +91 87990 06562 | Gujarat, India
[linkedin.com/in/yash-karthiya](https://www.linkedin.com/in/yash-karthiya) | github.com/NotYash1066

PROFILE

Computer Engineering undergraduate focused on backend systems and applied AI, with hands-on experience building RESTful APIs, RAG-based applications, and full-stack projects.

EDUCATION

Dharmsinh Desai University

Bachelor of Technology in Computer Engineering

Nadiad, Gujarat

CPI: 8.29

Aug 2023 – May 2027

Relevant Courses: Data Structures & Algorithms, DBMS, Operating Systems, Machine Learning, Computer Networks

TECHNICAL SKILLS

Languages: Java, Python (AI/ML), C#, JavaScript

Frameworks/Backend: Spring Boot, Hibernate, Django, Entity Framework Core, RESTful APIs

Frontend & Mobile: React, Flutter

Databases: SQL, MongoDB (NoSQL), PostgreSQL

Tools & Other: Linux, Firebase, Debugging & Troubleshooting, Version Control (Git)

HACKATHONS & EVENTS

DUHacks 5.0

2026

Project: Food Label AI Scanner

- Built an AI-based system to scan packaged food labels and explain ingredients in plain English using NLP and rule-based classification.
- Implemented allergen detection and a Red/Yellow/Green health scoring system based on ingredient composition; tested the system on 200+ sample products for usability and consistency.

Holboxai Hackathon

2025

Project: NeuroHire

- Developed an OCR-to-LLM resume screening pipeline to extract text, summarize profiles, and generate candidate scores from resume data.
- Automated resume parsing and ranking for 100+ sample resumes, enabling faster shortlisting and comparative evaluation during hackathon testing.

Winter Spark: Deploy Your Career

2025

Cloud Deployment Workshop

- Deployed a cloud-hosted to-do application on AWS using EC2, Lambda, and S3, gaining hands-on experience with cloud-based application deployment.
- Implemented CRUD functionality and basic monitoring, validating deployment stability and responsiveness under simulated usage scenarios.

PROJECTS

CollegeInfo-Agent

github.com/.../College-Info-Assistant

- Built an AI-powered academic assistant using Retrieval-Augmented Generation (RAG) to answer student queries from a corpus of 500+ college documents.
- Achieved average query response times of 2 seconds in local testing and implemented role-based access to support multi-college document management and isolation.

Shop/Stock Management System

github.com/.../shop-management-system

- Developed a RESTful inventory management API for handling products, suppliers, and stock levels across 500+ SKUs.
- Integrated Spring Security with role-based authorization and implemented automated low-stock alerts, validating system behavior using simulated inventory changes.

Skill-Swap

github.com/NotYash1066/Skill-Swap

- Built a peer-to-peer skill exchange platform featuring real-time chat and video communication using WebRTC and Socket.io.
- Implemented JWT-based authentication and collaborative whiteboard features; tested real-time functionality with multiple concurrent users during development.

CERTIFICATES

Winterspark: Deploy Your Career

drive.google.com/file/d/...