

# **YAGNIK PANKHANIYA**

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Portfolio: <https://yagnikportfolio1.netlify.app/>

## **SUMMARY OF QUALIFICATIONS:**

Full-Stack Developer with hands-on experience building production-level web applications using Next.js, Node.js, MongoDB, and Python. Developed and deployed a live Recruitment Management System with authentication, file handling, admin dashboards, bulk email automation, and Excel exports. Strong focus on backend logic, database design, Next.js API routes, and authentication using NextAuth.js. Experience with Python-based data processing and GIS analysis applications.

## **INTERNSHIP EXPERIENCE:**

Python Data & GIS Intern | ps Collective, Ahmedabad — Jul 2025 – Sep 2025

- Contributed to development of a Python-based decision support system for data analysis.
- Translated business requirements into technical architecture and system design.
- Evaluated and integrated Python geospatial libraries for data processing.
- Built data ingestion pipelines for structured datasets.
- Implemented geospatial analysis logic and documented technical workflows.

## **PROJECT EXPERIENCE:**

Recruitment Management System ( Ongoing Live Project) — 2025

<https://shivengroup.vercel.app/>

Tech: Next.js, Node.js, MongoDB, Tailwind CSS, Nodemailer, XLSX

- Designed and developed end-to-end recruitment platform with authentication and candidate workflows.
- Implemented secure file uploads (resumes, cover letters) via server API routes.
- Built admin dashboard with filters, search, bulk email notifications, and Excel export.
- Optimized MongoDB schema and queries for performance.
- Delivered a production-ready system used by a real organization.

GIS-Based Urban Planning & Analysis Web Application — Academic

Tech: Python, Flask, Pandas, GeoPandas, Shapely, SQLite

- Developed a GIS web app for land use, population, water demand, and road network analysis.
- Processed and visualized spatial data using shapefiles and Excel inputs.

Hotel Management System — May 2024

[https://github.com/Yagnik777/Hotel\\_management.git](https://github.com/Yagnik777/Hotel_management.git)

Tech: PHP, MySQL

- Built hotel operations system with CRUD workflows and room booking management.

Foodies – Food Ordering App — April 2025

<https://github.com/Yagnik777/Foodies.git>

Tech: Android, PHP APIs, MySQL

- Built a food ordering application with user registration, menu browsing, and order placement.

## **TECHNICAL SKILLS:**

Programming Languages: PHP, Python

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS, JavaScript

Backend: Node.js, Flask, Next.js API Routes, NextAuth.js

Databases: MongoDB, MySQL, SQLite

Data & GIS Tools: Pandas, GeoPandas, Shapely

Tools: Git, GitHub

Operating Systems: Windows, Linux

## **EDUCATION:**

Bachelor of Computer Applications (BCA), Saurashtra University — May 2025

CZMG BCA – MSc (IT & CA) College | 73.33%

## **DECLARATION:**

I hereby declare that the information above is accurate to the best of my knowledge.

YAGNIK PANKHANIYA

