

# Shubham Rahangdale

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## Education

### Sagar Institute of Research and Technology

B.Tech in Artificial Intelligence and Machine Learning

2022 – 2026

- CGPA: 7.67 / 10
- Coursework: Machine Learning, Artificial Intelligence, Data Science, Computer Vision

### C. J. Patel College, Tirora

Class XII

2021

- Percentage: 80.00%

## Technologies

**Languages:** Python, SQL

**Frameworks & Libraries:** FastAPI, Flask, Selenium, Playwright, BeautifulSoup, LangChain, RAG, NumPy, Pandas, Scikit-learn, TensorFlow, Ollama

**Web & Tools:** HTML, CSS, JavaScript, GitHub, VS Code, Google Colab, Power BI, pgAdmin 4

## Internships

**AI Intern**, Inventohack Innovations Pvt. Ltd. — Bhopal

Apr 2025 – Jul 2025

- Built **GreenScan**, an AI-based fruit freshness detection system using Gemini API and USDA nutrition datasets.
- Developed a health-focused food recommendation engine using user profile and dietary constraints.
- Integrated Flask backend with Android WebView for real-time image-based analysis.

**AI Engineer Intern**, Prevoyance IT Solutions Pvt. Ltd. — Nagpur

Jul – Sep 2025 (Ongoing)

- Developed a **Generative AI-powered Banking API Assistant** using FastAPI, FAISS, ChromaDB, RAG, and Ollama.
- Enabled multilingual, session-aware conversational search for UPI and banking APIs.
- **GitHub:** AI-Powered Smart Bank API Search System

## Government Project Experience

**Data Engineering & Web Scraping Project — protean.gov (Ghana Client)**

Nov 2025

- Worked on a government-associated project via **protean.gov** for an international client in **Ghana**.
- Built automated e-commerce data extraction pipelines using **Selenium, Playwright, BeautifulSoup**, and **Ollama LLM**.
- Developed **FastAPI-based REST services** and lightweight web dashboards (HTML, CSS, JavaScript) for data validation and analytics.

## Copyright / Publication

**Code Copyright:** *A Model for Prediction of Cardiovascular Diseases Using Machine Learning*

Mar 2024

- Copyright Registration No.: **L-157174/2024**
- Presented at **Anusandhan 2.0 – International Innovation and Research Fair**, IIT Mandi
- **GitHub:** Heart Disease Diagnosis (Deep Learning)

## Achievements

- **Data Analytics Lead**, Google Developer Group (GDG) — Led analytics initiatives and promoted Google technologies.
- Finalist, **Machine Learning Matchup Challenge** — National-level AI/ML competition (200+ teams).
- **4<sup>th</sup> Place**, Version Beta Hackathon — AI solution at **MANIT Bhopal**.
- Top 5, **TechNext Hackathon**, IIT BHU — Data-driven application among top teams.