

Shubham Rahangdale

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Education

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| Sagar Institute of Research and Technology , B.Tech in Artificial Intelligence and Machine Learning | 2022 – 2026 |
| <ul style="list-style-type: none">CGPA: 7.67/10Coursework: Machine Learning, Data Science, Artificial Intelligence, Computer Vision | |
| C J Patel College, Tirora , Class 12 | 2021 |
| <ul style="list-style-type: none">Percentage: 80.00% | |

Technologies

Languages: Python, SQL

Libraries/Frameworks: Flask, Fastapi, NumPy, Pandas, TensorFlow, Scikit-learn, TensorFlow, Transformer, NLP, LangChain, RAG

Tools Platforms: Google Colab, GitHub, VS Code, Power BI, PgAdmin 4

Copyright/Publication

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| Code Copyright: <i>A Model for Prediction of Cardiovascular Diseases Using Machine Learning</i> | Mar 2024 |
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Institute: Sagar Institute of Research and Technology

Authors: Shubham Rahangdale, Malay Jain, Brajesh Singh Ahirwar, Aniket Kumar Mishra

Registration Number: L-157174/2024

The machine learning model code is officially copyrighted. The related research paper was presented at Anusandhan 2.0 (International Innovation and Research Fair), **IIT Mandi**.

Internships

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| AI Intern, Inventohack Innovations Pvt. Ltd. – Bhopal (Team Project) | April 2025 – July 2025 |
| <i>Team: Shubham Rahangdale, Malay Jain, and Ajay Tiwari</i> | |

- Built **GreenScan**, an AI-based fruit freshness detection system using Gemini API and USDA nutrition data.
- Developed a health-centric food recommendation engine based on user profile (height, weight, region, allergies).
- Integrated Flask backend with Android WebView for live image input from camera/gallery and nutritional feedback.

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| AI Intern, Prevoyance IT Solutions Pvt. Ltd. – Nagpur (Individual Project) | July 2025 – September 2025 |
| <i>Project: ICICI Bank Genius API Search AI</i> | |

- Developed a **Generative AI-powered banking API assistant** using FastAPI, Gemma API, FAISS, and ChromaDB.
- Enabled **multi-language query support** with structured step-by-step responses for banking FAQs and UPI APIs.
- Implemented **session-aware, real-time conversational modules** with semantic search, RAG knowledge retrieval, and LLM-based guidance.

Achievements

- Data Analytics Lead**, Google Developer Group (GDG) — Led analytics and promoted Google tech adoption
- Finalist, **Machine Learning Matchup Challenge** — National-level AI/ML competition with 200+ teams
- 4th Place**, Version Beta Hackathon — Built AI-based solution at national hackathon, **MANIT Bhopal**
- Top 5 in TechNext Hackathon**, IIT BHU — Developed data-driven app among top tech teams