Rounak Raj

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Location: Hajipur,Bihar, India

CAREER OBJECTIVE

Motivated AI & ML fresher with hands-on experience through two internships. Skilled in Python, Flask, Streamlit, and Google Gemini API. Passionate about building intelligent systems and applying AI to solve real-world problems.

EDUCATION

Diploma in Artificial Intelligence and Machine Learning
Government Polytechnic Barh (2022 - 2025)
CGPA: 8.77 / 10

Secondary (X), CBSE
St. Johns Academy (2022)
CGPA: 8.60 / 10

TECHNICAL SKILLS

- **Languages:** Python, SQL
- **Frameworks:** Flask, Streamlit, FastAPI
- **Libraries:** Pandas, NumPy, scikit-learn, TensorFlow
- **MLOps & DevOps:** Docker, Kubernetes, MLflow, CI/CD Pipelines
- **Data Engineering:** ETL Workflows, Data Preprocessing, Power BI
- **AI Frameworks & Tools:** LangChain, LangGraph, CrewAI, ADK, Google Gemini API, OpenAI API,GROQ API
- **Multi-Agent & RAG Systems:** Planner, Architect Reviewer agents; Automated task done ; Create Business related Agents
- **Databases:** MySQL, MongoDB
- **Cloud:** Google Cloud Platform (GCP)

SOFT SKILLS

Teamwork

Problem Solving

Adaptability

Communication

INTERNSHIP EXPERIENCE

Traffic Sign Data Annotation — IIT Indore (Virtual, Oct 2024)

- Annotated Indian road traffic sign images for ML datasets.
- Worked under IIT Indore faculty to maintain labeling quality.

Machine Learning Intern — Vaishnav Technologies (Virtual, Sep–Oct 2024)

- Applied ML algorithms for classification and prediction tasks.
- Used Pandas, NumPy, and scikit-learn for model implementation.

PROJECTS

AI App Builder (Lovable-inspired) — GitHub

- Built a multi-agent AI system to generate full web apps from natural language.
- Implemented planner, architect, coder, and reviewer agents using LangGraph and LLMs.
- Used tool-based agents to write, edit, review code files and enable live preview execution and Export generated project Zip files.

Sikhsha Sathi — Live Demo

- Developed a complete SaaS-based institute management platform.
- Includes student management, payment tracking, and analytics dashboard.
- Built with FastAPI, HTMl,CSS, and MongoDB for scalability and performance.

PERSONAL DETAILS

Languages: English, Hindi

INTERESTS & ACTIVITIES

- Exploring new technologies and AI tools.
- Building projects and experimenting with innovative ideas.
- Playing cricket and participating in team sports.