RAVI KANT

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OBJECTIVE

Aspiring **Full Stack Developer** with strong foundation in **JavaScript, Python, and SQL**. Experienced in building **end-to-end web applications**, integrating APIs, and collaborating on team projects. Curious and self-driven with interest in **AI/LLM technologies, prompt engineering, and scalable system design**. Seeking to contribute to cutting-edge solutions at Trovex.ai.

EDUCATION

B.S. Data Science & Applications	CGPA: 7.3
Indian Institute of Technology, Madras	*2021 – Present*
Don Bosco Academy, Patna	82%
Higher Secondary School	*2021*
Gems English School, Rohtas	85%
Secondary School	*2019*

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Python, Java, SQL

- **Frontend:** React.js, Vue.js, Next.js (basic)

- **Backend:** Node.js, Flask, REST APIs, Microservices

- **Databases:** SQLite, MySQL, Redis

- **AI/ML Tools:** OpenAI API, LangChain (basic), Scikit-learn

- **DevOps & Tools:** Git, Docker, Vercel, CI/CD basics

PROJECTS

- **Quiz Master – V2 (Multi-User Exam Prep App)**: Developed a **full-stack platform** using Flask (API), SQLite (DB), Vue.js (UI), and Redis & Celery (batch jobs). Implemented **token-based authentication**, role-based access control, and real-time progress tracking.

- **Tools in Data Science Project**: Built an end-to-end **data analysis workflow** with Python (pandas, NumPy), SQL, and visualization libraries. Extracted insights and presented results. *(Scored 80/100)*

- **LLM Prompt Engineering Experiments**: Explored OpenAI GPT API for building **conversational modules**. Implemented simple RAG-based prototypes using Python and LangChain.

INTERNSHIP EXPERIENCE

Infotech	Remote
Data Analyst Intern	*2024*

- Conducted **market, user, and competitor research** to generate insights and support strategy.

- Performed **data cleaning, transformation, and analysis** using Python, SQL, and Excel.

WORK EXPERIENCE

Vocational Trainee	Onsite
Team Project	*2023*

- Collaborated on team-based technical projects, focusing on problem-solving and documentation.

EXTRACURRICULAR ACTIVITIES

- Deputy Secretary, Sundarbans House – Leadership and coordination experience

- Cricket – Teamwork, strategy, and discipline