

RUDRANSH KARAN

+91-814-737-0347 | rudranch.karan@gmail.com | [rudranch-karan](#) | RudranchKaran

Bengaluru, Karnataka - 560043, India

OBJECTIVE

Computer Science student with hands-on experience in Generative AI and backend development using Python. Passionate about building real-world AI solutions, staying updated with the latest tools, and exploring what's next in tech. Eager to contribute to impactful projects in innovative, growth-driven environments.

INTERNSHIP

• Hidevs

GenAI Developer Intern

Nov 2024 - Feb 2025

Bengaluru, India

- Developed AI-powered tools using LLMs, LangChain, and CrewAI, implementing features like automated interview reporting and reminder agents.
- Collaborated with the team to design and deploy real-world Generative AI solutions, strengthening skills in prompt engineering and API integration.

EDUCATION

• Nitte Meenakshi Institute of Technology

Sep 2023 - Jul 2027

Bengaluru, India

Bachelors of Engineering – Computer Science and Engineering
◦ CGPA: 8.70 (Till 4th Sem)

PROJECTS

• Predictive Health Analysis System



Tools: Python, Streamlit, FastAPI, Flask, MongoDB, Gemini API, NumPy, Pandas, Matplotlib, Scikit-learn, Seaborn

- Developed an AI-powered healthcare system for early disease prediction and intelligent clinical decision support.
- Built modules like the Biomarker Insight Engine, Patient Intelligence Engine, and Regional Health Mapper to analyze reports, summarize records, and track regional health trends.

• Internify



Tools: Python, FastAPI, Pydantic, PyPDF2, Next.js, TypeScript, Tailwind, Supabase, Gemini API, Serp API, Resend API, Vercel, Render

- Engineered an AI-driven internship application platform using FastAPI and Next.js 14, integrating multiple third-party APIs (SerpAPI, Groq, Resend) to automate resume parsing, job searching, and personalized email generation.
- Implemented secure authentication with Supabase Auth (JWT), file storage for resume management, and real-time job scraping to deliver a complete SaaS solution with error handling, type safety (TypeScript + Pydantic), and responsive UI.

• IntelliGraph



Tools: Python, Streamlit, Gemini API, Bokeh, Pandas, NumPy, Scikit-learn, Plotly, MongoDB & PyMongo, HTML/CSS, JSON

- Built an intelligent data visualization platform using Streamlit and Google's Gemini AI to automatically analyze CSV datasets and recommend optimal graph types.
- Implemented smart analysis algorithms and interactive Bokeh charts, integrating Generative AI APIs for robust, insight-driven visualizations through an intuitive web interface.

SKILLS

- **Programming Languages:** Python, C, C++, Java
- **Web Technologies:** HTML, CSS, Streamlit, Flask, FastAPI
- **Database Systems:** MySQL, MongoDB, Supabase
- **Data Science & Machine Learning:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, LangChain
- **Research Skills:** Prompt Engineering, LLM Evaluation, Model Deployment, Data Collection, Literature Review

ACHIEVEMENTS

• BRICS Youth Council Entrepreneurship Pre-Consultation

Mar 2025

Ministry of Youth Affairs and Sports, Government of India



- Participated in the BRICS Youth Council Entrepreneurship Ideathon at IISc Bangalore, presenting a healthcare innovation for sustainable growth.

• CRYPTEC Coding Battle

Dec 2024



Nitte Meenakshi Institute of Technology, Bengaluru

- Secured 2nd place in NMIT's Coding Battle, a timed competition judged on the number of test cases passed across multiple problem statements.