


RUDRANSH KARAN

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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**  Nov 2024 - Feb 2025
GenAI Developer Intern 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
Bachelors of Engineering – Computer Science and Engineering Bengaluru, India
 - 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.