RUDRANSH KARAN

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Bengaluru, Karnataka - 560043, India

OBJECTIVE

Computer Science student with hands-on experience building AI-powered backend systems using Python, FastAPI, and third-party APIs. Skilled in designing scalable automation workflows, integrating LLMs, and developing production-oriented applications. Seeking to contribute to high-impact engineering teams solving real-world problems.

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: 8.55 (Till 5th Sem)

PROJECTS

- **GitInsights** ⓖ
  Tools: Python, FastAPI, GitHub REST API, Gemini API, Pydantic, JSON, Next.js, TypeScript, Tailwind
  - Engineered an AI-powered GitHub repository analysis tool using FastAPI and GitHub APIs to evaluate project structure, documentation quality, and overall production readiness.
  - Implemented an automated evaluation pipeline integrating Gemini API to generate structured, actionable reports that help developers improve repository clarity and recruiter appeal.

- **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.

- **Binance Futures Testnet Trading Bot** ⓖ
  Tools: Python, Binance Futures API, REST API, WebSockets, Pandas, NumPy
  - Developed an automated trading bot on Binance Futures Testnet using Python and Binance APIs to execute strategy-based trades with real-time market data integration.
  - Implemented risk management logic, position sizing, and order execution workflows to simulate systematic trading strategies in a controlled testnet environment.

SKILLS

- **Programming Languages:** Python, C, C++, Java
- **Backend & APIs:** FastAPI, Flask, REST APIs, JWT Authentication, WebSockets
- **Database Systems:** MySQL, MongoDB, Supabase
- **Data & AI Tools:** Pandas, NumPy, Scikit-learn, LangChain, LLM Integration
- **Web & UI:** HTML, CSS, Streamlit, Next.js, TypeScript
- **Tools & Platforms:** Git, GitHub, Vercel, Render

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.