

Yashansh Rastogi

AI Engineer

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SUMMARY

AI Engineer dedicated to building intelligent AI products and scalable systems. Experienced in end-to-end machine learning workflows, energy intelligence pipelines, generative AI applications, and performant web development.

EXPERIENCE

AI Intern

1M1B (1 Million for 1 Billion)

Jun 2026 – Aug 2026

- Built GreenGrid, an AI-driven campus energy intelligence system featuring anomaly detection and forecasting pipelines for energy-consumption analysis.
- Engineered end-to-end ML workflows encompassing data processing, model inference, decision logic, and reporting for energy-monitoring applications.

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Frontend Developer

ByteEdu

Nov 2024 – Jan 2025

- Enhanced and maintained the platform frontend for an educational resources and job updates startup.

Generative AI Virtual Internship Program - 2024

TheSmartBridge

Sep 2024 – Oct 2024

- Implemented Generative AI use cases leveraging Gemini models on Google Cloud Platform.

Frontend Developer

ByteEdu

Jan 2024 – Jan 2025

- Enhanced and maintained the platform frontend for an educational resources and job updates startup.

EDUCATION

KCC Institute of Technology & Management Greater Noida · Bachelor of Technology - BTech · 2023 – 2027

Ramjas School - India · 12th · 2018 – 2022

SKILLS

Languages and Frameworks: C, C++, CSS, HTML, JavaScript, Python, TypeScript, Django, FastAPI, LangChain, Next.js, Node.js, PyTorch, React, React.js, scikit-learn, Streamlit, Tailwind CSS, TensorFlow

Databases: PostgreSQL, Redis, SQL

Tools: AWS, Azure IoT Hub, GCP, GCP Pub/Sub, Git, GitHub, Groq LLM, Monaco Editor, Ollama, OpenRouter LLM APIs, Power BI, Prisma, Prophet, RAG pipelines, Raspberry Pi, RESTful APIs, Vercel

PROJECTS

CityWallet

Geolocation-based AI offer delivery platform built with Next.js 14, Django, FastAPI, Groq LLM, GCP Pub/Sub, and Redis. Architected a location-based offer delivery pipeline leveraging LLMs and scalable pub/sub messaging.

Next.js 14, Django, FastAPI, Groq LLM, GCP Pub/Sub, Redis

Nexora

Offline voice-controlled OS interface with local LLM integration using Python, Ollama, and STT/TTS models. Implemented local LLM integration for offline voice command processing and system control.

Python, Ollama, STT/TTS

EduPath

AI-powered developer career platform deployed on Vercel using Next.js 16, Prisma, PostgreSQL, and Monaco Editor. Developed an interactive developer career acceleration platform featuring integrated code editing and database persistence.

Next.js 16, Prisma, PostgreSQL, Monaco Editor

Additional projects: GreenGrid | 1M1B (1 Million for 1 Billion), EduPath – AI-Powered Career Acceleration Platform for Developers, Nexora – Offline Voice-Controlled OS Interface with Local LLM Integration, CityWallet, Nexora, EduPath

AWARDS

Agentic Premier League – Champion, AI Rocket Badge, Sketch 'n' Ship With AI HackerRank Orchestrate — Rank #702 / 3,062, Agentic Premier League Champion — Google Cloud, Top 15/300 — Microsoft AI Rocket Badge, Google Cloud Generative AI Learning Path, Microsoft Generative AI Specialization, Introduction to Cloud Computing