

# AMRITANSHU LAHIRI

## Generative AI Engineer

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### SUMMARY

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Passionate Generative AI Engineer with hands-on experience in building real-world applications using LLMs, RAG pipelines, and AI-powered tools. Proven ability to develop innovative AI solutions across healthcare, logistics, law, and education domains.

### EXPERIENCE

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Generative AI Engineer in Residence | 100x Engineers | Dec 2024 – Present

- Mentored students in AI cohorts while developing real-world AI applications using LLMs and RAG.
- Built OCR-based health tools, time-slot delivery systems, and AI-powered chatbots.

### MAJOR PROJECTS

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- LabelWise – AI-powered food label analyzer using RAG + Mistral AI  
[\[https://deadshot2003-food-label-analyzer.hf.space/\]](https://deadshot2003-food-label-analyzer.hf.space/)
- AI Teaching Assistant – Summarization, quiz, and doubt bots using Groq API  
[\[https://deadshot1611.github.io/AI-powered-teaching-assistant/\]](https://deadshot1611.github.io/AI-powered-teaching-assistant/)
- AI Law Associate – Legal productivity tool built with Voiceflow  
[\[https://deadshot1611.github.io/AI-POWERED-LAW-ASSOCIATE/\]](https://deadshot1611.github.io/AI-POWERED-LAW-ASSOCIATE/)
- EventWise (WIP) – Multi-agent AI event planner using LLMs and real-time tools  
[\[https://github.com/Deadshot1611/EventWise\\_Multi\\_Agentic\\_Event\\_Planner\]](https://github.com/Deadshot1611/EventWise_Multi_Agentic_Event_Planner)
- Time Slot Delivery (WIP) – Optimized AI routing system for India Post  
[\[https://github.com/Deadshot1611/AI\\_based\\_custom\\_time\\_slot\]](https://github.com/Deadshot1611/AI_based_custom_time_slot)

### OTHER PROJECTS

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- Weather App – Current weather info display [\[https://deadshot2003-weather.hf.space/\]](https://deadshot2003-weather.hf.space/)
- Dreambooth Training – Fine-tuned Dream Shaper for Messi [\[https://civitai.com/models/557811\]](https://civitai.com/models/557811)
- Appointment Bot – Clinic scheduling via chatbot [\[https://voiceglow.org/app/na/prototype?vg\\_id=8BRnQJaS55\]](https://voiceglow.org/app/na/prototype?vg_id=8BRnQJaS55)
- Conversational Chatbot – FastAPI + Gradio interactive bot [\[https://deadshot2003-fastapi-gradio.hf.space/gradio/\]](https://deadshot2003-fastapi-gradio.hf.space/gradio/)

### EDUCATION

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B.Tech in Computer Science | Netaji Subhash Engineering College | 2022 – 2026

High School | South Point High School | Graduated: 2022

### SKILLS

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Python, C, LLMs, RAG, MCP, AI Agents, FastAPI, Sreamlit, Voiceflow, Git, Prompt Engineering, Diffusion Models