RANA SHAHZAIB NASIR

Lahore, Pakistan **|** +92 321 425 0455 **|** texashouse003@gmail.com | linkedin.com/in/rshahzaibn | github.com/26holiday

SUMMARY

Full-stack developer & AI enthusiast with a 3.64 GPA in Computer Science at COMSATS University. Proven track record delivering Next.js + Django applications and deploying autonomous, agentic AI workflows (Flowise, LangChain). Adept at orchestrating RAG pipelines that process 10 000+ data points monthly. Seeking to apply hands-on DevOps and AI skills to a summer internship.

EDUCATION

COMSATS UNIVERSITY ISLAMABAD, LAHORE CAMPUS | 2022 – 2026
- *Bachelor of Science in Computer Science* | GPA: 3.64/4.0
- **Relevant Courses:** Data Structures, Algorithms, Database Systems, Machine Learning Fundamentals

GOVERNMENT COLLEGE | 2021 – 2022
FSc (Pre-Engineering) | Marks: 1054/1100

EXPERIENCE

Freelance Full-Stack & AI Developer | Remote | *Jun 2024 - Present*
- Built 5+ production-ready web apps (Next.js front end, Django REST API back end), integrating **AWS S3** for media storage and PostgreSQL for relational data.
- Designed & deployed 7+ agentic AI workflows using Flowise + LangChain + LangGraph; crafted custom RAG pipelines that process 10 000+ records/month, reducing manual data-entry time by 50%.
- Containerized applications with Docker and deployed them via Coolify, streamlining server deployments.
- Implemented automated database synchronization using Directus, and developed custom Directus components to extend functionality.

Leadership Roles | AIESEC in Lahore | *2024 - Present*
- Taskforce Director, Logistics (AGM '25): Overseeing venue selection, vendor management, and transport planning for a 60+ attendee conference.– Negotiated contracts with caterers & hotels, reducing costs by 15%.
- Team Leader, Logistics & Vendor Servicing: Managed a team, coordinated event timelines, and tracked KPIs to ensure 100% on-time delivery of materials.

PROJECTS

- **AI-Powered Financial Analyst Chatbot:** Engineered a data pipeline and advanced RAG system for an NLP-powered chatbot that delivers synthesized financial insights using autonomous, tool-using agents.
- **Custom Agentic Flow:** Designed and self-hosted complex agentic workflows using Flowise and Docker, with a custom chatbot frontend for user interaction.
- **AI Video Editor:** Built a tool using Python and Gemini API to process user prompts, automatically editing videos via FFmpeg commands.
- **OpenCV Color Grading Software**: Created a Python/OpenCV application for comprehensive digital image color grading and color space manipulation.

SKILLS

- **Languages:** Python, JavaScript (ES6+), C++, C, SQL, HTML/CSS
- **Frontend:** Next.js, React, Tailwind CSS, EJS templates
- **Backend:** Django REST Framework, Node.js, Express.js, RESTful API Design
- **AI & Agents:** LangChain, LangGraph, Flowise, Vector Databases (pgvector), RAG pipelines
- **DevOps & Infra:** Docker, Coolify, AWS (EC2, S3), PostgreSQL, MongoDB, Git/GitHub, GitHub Actions