



Arman Ashraf


python-developer



 portfolio

 armanashraf015@gmail.com

 LinkedIn  GitHub

 +92 3021636805

Summary

Highly motivated **Python Developer & Agentic AI Engineer** with a background in mathematics and a strong foundation in modern backend technologies. Experienced in building real-world AI applications using FastAPI, OpenAI Agents SDK, and integrating multimodal AI models like Gemini. Passionate about autonomous systems, AI workflows, and scalable web app architectures.


Currently developing **SnuggleFable** — an autonomous AI platform that transforms a simple story theme into a complete, ready-to-publish YouTube Short, with automatic story structuring, image generation, narration, video effects, and sound design.

Technical Skills

Python | AI Agents | RAG |
Nextjs | FastAPI | Database |
Pydantic | SQLAlchemy | Docker

Education

BS MATHEMATICS

University of Gujrat 

09/2018 – 11/2022 | Sialkot, Pakistan

CGPA: 3.74 / 4.0, Second highest in the class

- Advanced algorithms for precise problem-solving.
- Math-driven coding proficiency.
- Expert in logical, systematic solutions.
- Application of advanced problem-solving concepts.
- Innovative solutions through mathematical insights.

Courses

Agentic AI Engineer

Presidential Initiative for Artificial Intelligence & Computing

AI Robotics Training

NAVTTC Pakistan (Government of Pakistan)

Professional Experience

AI Developer & Project Founder

Self-Employed(02/2025 – present)

- Designed and developed SnuggleFable, an AI platform for generating YouTube Shorts for children.
- Built end-to-end agentic workflow using **OpenAI Agent SDK** for:
 - **Story Agent** (scene-based narrative generation)
 - **Image Prompt Agent** (detailed visual prompt generation)
 - **Sound Design Agent** (intelligent SFX timing & selection)
- Frontend: **Next.js** + **TailwindCSS** + **ShadcnUI**, deployed on **Vercel**
- Backend: FastAPI APIs in **Docker**, deployed on **Hugging Face Spaces**

Full-Stack Developer

Self-Employed(01/2023 – present)

- Used HTML, CSS, JS, and React for UI.
- Integrated jQuery, Bootstrap, and Material UI.



Soft Skills

Communication | Creativity |
Problem-Solving |
Critical Thinking |
Time Management



Certificates

- Meta Front-End Specialization Developer [↗](#)
- Python for Everybody Specialization [↗](#)
- Generative AI for Everyone [↗](#)
- Mathematics for Machine Learning [↗](#)
- Computational problem solving. [↗](#)



Languages

Urdu | English



Awards

Awards and Recognition: [↗](#)

- Medal for dedication to academics
- Certificate for outstanding performance and exceptional character.

- Mastering React Hooks for state management.
- Expert in functional components
- State manages data, props pass data.
- Python, FastAPI, Next.js, and Tailwind CSS.
- Creating Docker images for efficient deployment and scaling.



Projects

Agentic AI Video Generator [↗](#)

Full-stack agent-driven workflow

E-Commerce UI Design Project: [↗](#)

Intuitive UI for Modern Shopping.

Weather App Project: [↗](#)

Real-time Weather Information at Your Fingertips.

Todo App Project: [↗](#)

A Simple Task Management Application.

BMI Calculator Project: [↗](#)

Effortless Health Assessment.



Interests

Passionate Goal:

Dedicated to becoming an AI engineer and proficient programmer.

Continuous Learning:

Committed to ongoing study and skill development in the field.

Innovative Problem Solver:

Driven to find creative solutions, leveraging AI and programming skills.