Ahmed Shahid Essani

AI & Programming Enthusiast | Aspiring Generative AI
Engineer

👤 Profile

Driven undergraduate pursuing a **BS in Artificial Intelligence** at
SZABIST (2023–2027) and a **1.5-year diploma in Cloud Applied
Generative AI Engineering** (GenEng) from GIAIC. Passionate about
leveraging AI, Python, and data-driven solutions to solve real-world
problems. Strengths include rapid learning, problem-solving,
teamwork, and proficiency in programming languages like Python,
TypeScript, and SQL .

★ Carrer Objective

To secure an **AI Developer, Python Engineer, or Generative AI
Specialist** role where I can apply my expertise in AI, Python
programming, and SQL-driven data solutions. Equipped with hands-on
experience in building AI-driven projects (e.g., Custom GPT for culinary
assistance, Smart Glasses for the visually impaired) and proficiency in
frameworks like Next.js. Committed to delivering innovative solutions
through strong technical skills, adaptability, and a disciplined work
ethic.

🎓 Education

**Bachelor of Science in Artificial Intelligence, SZABIST University,
Karachi**

September 2023 — June 2027

**Cloud Applied Generative AI Engineer (GenEng), Governor Initiative
for AI, Web 3.0 & Metaverse (GIAIC), Karachi**

2024 — 2026

FSC (Pre-Medical), Superior Science College, Karachi

May 2021 — April 2023

SSC (Science), Al Badar Higher Secondary School , Karachi

2021

Details

Karachi
Pakistan
03070823980
ahmedshahid20222@gmail.com

Links

LinkedIn
Github

Languages

English

Hobbies

Coding , Cricket

★ Major Courses Studied

- Fundamentals of Programming
- Object-Oriented Programming (OOP)
- Probability and Statistics
- Data Structures & Algorithms (DSA)
- Artificial Intelligence (AI)
- Programming for AI
- Database Management System (DBMS)
- TypeScript (TS)
- Next.js

★ Skills

Hard Skills:
- **Programming:** Python, TypeScript/JavaScript, Java, C++, SQL .
- **Web Development:** HTML, CSS, Tailwind CSS, Next.js .
- **Tools:** Git, GitHub, mySql , Oracle , MS Office , NetLogo .

Soft Skills:
- Fast Learner
- Problem-Solving
- Self-Discipline
- Strong Work Ethic
- Team Collaboration

★ Projects

Custom GPT for Culinary Assistance

Developed an AI model to assist chefs and home cooks with recipe suggestions and cooking tips.

Link of Custom Gpt: TasteBot

Link of my hugging face profile: muhammadAhmed22

Link of Code: TasteBot Code

Tools:
- Python
- Pre-trained models (Hugging Face)
- Python libraries for fine tuning , text extraction and NLP .
- Gradio (Frontend)

Smart Glasses for the Blind

Designed AI-powered glasses to aid navigation for visually impaired users (conceptual prototype).

Tools:
- Python
- IoT sensors

Solitaire Game

Built a Python-based card game with a GUI interface.

Tools:

- Pygame
- OOP

Portfolio Website

Created a responsive personal portfolio using modern web tools.

Tools:

- Next.js
- Tailwind CSS
- TypeScript.

★ Certifications

Portable AI Project Display, SZABIST University
2024

Logic Design Competition , SZABIST University
2024

💼 Employment History

Salesman at ARFT (Abdul Rahim Final Tech), Karachi
March 2021 — August 2021
Worked as a salesman at Computer Shop

★ Achievements

Ranked top 20% in class during undergraduate studies.

Consistently maintained a GPA of 3.0+ (excluding 3rd semester).