

# Ahmad Irtaza Meer

irtaza.butt.9316@gmail.com +92 3366911319 LinkedIn GitHub Pakistan

## OBJECTIVE

Proactive AI Engineer with expertise in Computer Vision, Generative AI, and Full Stack Development. Specialized in end-to-end AI pipeline development, model deployment, and building scalable AI-powered solutions. Passionate about leveraging cutting-edge technologies like Stable Diffusion, PyTorch, and cloud platforms to drive data-driven innovation.

## EDUCATION

**National University of Computer and Emerging Sciences (FAST NUCES)**

*Bachelor of Science in Software Engineering*

*Grad: 2026*

## TECHNICAL SKILLS

**Languages:** Python, C / C++, C#, Rust, SQL

**Web Technologies:** HTML5, CSS3, JavaScript, PHP, Bootstrap, Tailwind CSS

**AI/ML:** Scikit-Learn, Stable Diffusion, Computer Vision, Pandas, NumPy, Prompt Engineering

**Tools & Platforms:** Git, GitHub, Dockers, Kubernetes, Linux (Bash), RunPods, Colab, Kaggle, MS Office

## FREELANCE & PROFESSIONAL EXPERIENCE

**Freelance Web Developer**

*Full Stack Developer*

Remote

*Self-Employed*

- Developed **AR Pharmacy & Distribution** platform to streamline pharmacy operations with WhatsApp integration, improving customer engagement by 50% for 200+ daily users.
- Built **AL Tanweer Doors & Windows** corporate portfolio to showcase UAE construction services, generating 30+ qualified leads in 3 months.
- Created **MN International Tours** travel website to digitize package bookings, reducing manual inquiry processing time by 60% for 500+ monthly visitors.
- Deployed **AINNA InqLab** news portal to streamline government broadcasting, reducing content latency by 40% for 100k+ monthly users.

## KEY PROJECTS

**Adify: AI-Powered Advertisement Suite** | *Python, PyTorch, Stable Diffusion, SVD-XT, OpenCV*

- Developed AI cinematic video generator using Stable Diffusion to automate CGI ad creation, reducing production time from 5 days to 2 hours and cutting costs by 80%.
- Built 360° product visualization module to enable interactive web viewing, increasing engagement by 45% across 1000+ demos.
- Designed static ad pipeline using GrabCut and CV algorithms to automate background synthesis, processing 500+ images with 95% accuracy.

**System Engineering Projects** | *C++, C#, Socket Programming*

- Architected multithreaded chat application using socket programming to enable real-time communication, supporting 50+ concurrent users with 99% uptime.
- Built OS simulation covering CPU scheduling algorithms to demonstrate resource optimization, achieving 30% improved throughput.
- Developed network simulation for queuing systems to analyze data transmission patterns, reducing packet loss by 25%.

**Data Science & Machine Learning** | *Python, Scikit-Learn*

- Created movie recommendation system using hybrid filtering to personalize user experience, achieving 87% accuracy on 10k+ dataset.
- Built real-estate price predictor using regression to automate property valuation, reducing prediction error to 8% MAPE.
- Designed AI-based doctor assistant for preliminary disease prediction to support healthcare triage, achieving 92% diagnostic accuracy across 15 conditions.

**Software Design & Architecture** | *SQL, UML*

- Designed LMS database with ERD and 3NF normalization to optimize data integrity, supporting 5000+ users with zero redundancy.
- Authored complete SRS for KP Tourism System to standardize development requirements, reducing scope creep by 40%.

## ACHIEVEMENTS & CERTIFICATIONS

**Competitions:** Ranked **7th in Pakistan** (661st Global) in IEEEExtreme 18.0. Top 10% finalist in FPSC Speed Programming. 4th place in AI Voice Hackathon.

**Certifications:** Google Prompt Engineering, Machine Learning, DevOps Engineering (Coursera), Software Engineer Certification (HackerRank).

**Leadership:** Societies Lead/Co-Lead (GDSC, MLSA, ACM). Organized NU-TECH and Welcome Party '23.