Ahmad Irtaza Meer

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 LalaMusa, District Gujrat, Pakistan

OBJECTIVE

Driven and innovative Software Engineering undergraduate with a strong foundation in Artificial Intelligence, Computer Vision, and Full Stack Development. Recognized for problem-solving excellence with a top national ranking in IEEExtreme 18.0. Passionate about leveraging generative AI and scalable software architectures to engineer impactful solutions. Seeking a challenging role to apply technical expertise in a dynamic development environment.

EDUCATION

National University of Computer and Emerging Sciences (FAST NUCES)
Bachelor of Science in Software Engineering   *Expected Grad: 2026*

TECHNICAL SKILLS

Languages: Python, C / C++, Java, C#, Rust, SQL, MATLAB
Web Technologies: HTML5, CSS3, JavaScript, PHP, Laravel, Bootstrap, Tailwind CSS
AI/ML: Scikit-Learn, Stable Diffusion, Computer Vision, Pandas, NumPy, Prompt Engineering
Tools & Platforms: Git, GitHub, Linux (Bash), VS Code, Colab, Kaggle, MS Office

FREELANCE & PROFESSIONAL EXPERIENCE

Freelance Web Developer   Remote
Full Stack Developer   *Self-Employed*

- Developed **AR Pharmacy & Distribution**, a responsive platform with WhatsApp integration and coverage maps.
- Built **AL Tanweer Doors & Windows**, a corporate portfolio for a UAE-based construction company.
- Created **MN International Tours**, a travel agency website showcasing packages and destinations.
- Deployed **Ainna Inqlab**, a digital news portal for government-related broadcasting.

KEY PROJECTS

Generative AI & Vision Suite | *Python, Stable Diffusion, CV*

- Engineered an **AI Image Generator** using Stable Diffusion to create images from natural language prompts.
- Developed a **Super-Resolution Tool** to upscale images by 4x without quality loss using computer vision.
- Implemented an automated **Background Remover** utilizing segmentation algorithms for subject isolation.

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

- Architected a **Multithreaded Chat Application** in C++ using socket programming for concurrent communication.
- Built an **OS Simulation** covering CPU scheduling algorithms and distributed socket models.
- Developed a **Network Simulation** in C++ to analyze queuing systems and data transmission.

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

- Created a **Movie Recommendation System** using Hybrid Filtering (Collaborative & Content-based).
- Built a **Real-Estate Price Predictor** using regression pipelines and feature engineering.
- Designed an **AI Doctor Assistant** to analyze inputs for preliminary disease prediction.

Software Design & Architecture | *SQL, UML*

- Designed a complex **LMS Database** including ERD creation and Normalization.
- Authored a comprehensive **SRS (Software Requirements Specification)** for a KP Tourism System.

ACHIEVEMENTS & CERTIFICATIONS

Competitions: Ranked **7th in Pakistan** (661st Global) in IEEExtreme 18.0. Top 10% finalist in FPSC Speed Programming. 4th Place in AI Voice Hackathon.
Certifications: Google Prompt Engineering (Coursera), Machine Learning (Coursera), DevOps Engineering (Coursera), Software Engineer Role Certification (HackerRank).
Leadership: Societies Lead/Co-Lead (GDSC, MLSA, ACM). Organized major events including NU-TECH and Welcome Party '23.