Saeed Ullah

AI Solutions Developer

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PROFILE

Artificial Intelligence Graduate with experience developing machine learning and deep learning solutions for retail analytics and human-computer interaction. Currently teaching ML/DL classes and skilled in:

- Implementing ML/DL pipelines (data cleaning, modeling, evaluation, neural networks)
- Creating functional AI prototypes (chatbots, gesture-based controls, deep learning models)
- Teaching and communicating technical concepts to students and stakeholders

TECHNICAL COMPETENCIES

- **Machine Learning Deep Learning:** Predictive Modeling, Neural Networks, Recommender Systems, Time-Series Forecasting
- **Programming:** Python (Pandas, NumPy), SQL, LaTeX
- **Tools:** Scikit-learn, Streamlit, Git, MySQL, OpenCV, MediaPipe
- **Soft Skills:** Cross-functional Collaboration, Technical Communication, Requirements Analysis

EDUCATION

B.Sc Artificial Intelligence

Abdul Wali Khan University Mardan   *2021–2025*

- Focus: Machine Learning, Deep Learning, Neural Networks
- Key Areas: Machine Learning (XGBoost, Scikit-learn), NLP, Data Analysis
- Advanced Topics: Deep Learning, Algorithm Design, Database Systems

PROJECTS

Retail AI Analytics Platform   *Jan 2024 - May 2025*

Python, Machine Learning, SQL

- Designed predictive models for sales trend analysis
- Built interactive dashboard for business intelligence

Gesture Control Prototype   *Apr 2024 - May 2024*

Python, Computer Vision

- Developed motion recognition system prototype

PROFESSIONAL DEVELOPMENT

Advanced DNN Bootcamp (2 Months)   *GIKI*   *June 2024*

Transformer architectures, optimization techniques, production-grade implementations

Generative AI with Diffusion Models   *NVIDIA Certified*   *Aug 2024*

Stable Diffusion, GPU-accelerated training, latent space manipulation

Entrepreneurship Accelerator   *GIKI Catalyst*   *2024*

Lean startups, investor pitching, venture scaling

LEADERSHIP

Founding Chair, AWKUM BitsNBytes Society   *2025*

- Established university's premier tech society with 100+ members

Co-Founder & Director, University Help Desk   *2023–Present*

- Institutionalized cross-departmental support system serving 600+ annually
- Implemented digital queuing system reducing wait times by 40

Executive Event Director — Student Governance   *2022–2024*

- Orchestrated 2 university-wide symposiums (1,000+ attendees each)

Pioneer Organizer, Zindigi Prize   *Inaugural Edition 2023*

- Designed competition framework for university's first entrepreneurial challenge

ADDITIONAL

- **Languages**: English (Professional Working Proficiency), Urdu (Native)
- **Technical Interests**: Retail AI Automation, Cross-Sector Decision Systems