
EDUCATION**BAHRIA UNIVERSITY**Bachelor of Electrical Engineering
CGPA: 2.96**ISLAMABAD, PAKISTAN**

September 2021 - July 2025

WORK EXPERIENCE**EXO-DELTA**

AI Developer

ISLAMABAD, PAKISTAN

October 2025 - January 2025

- Built AI automation workflows using LLMs, RAG, and prompt engineering to optimize business operations.
- Designed lead generation pipelines with Python, n8n, and APIs for automated scraping, emailing, and scheduling.
- Developed AI voice calling systems using voice AI and orchestration tools for automated customer outreach.

BILLSUN SOLAR

Summer Intern

ISLAMABAD, PAKISTAN

June 2024 - August 2024

- Gained practical experience in solar energy systems, including installation, system design, and performance optimization.
- Developed understanding of renewable energy technologies and their practical applications.

ACADEMIC PROJECTS**Final Year Project - Deep Learning Based Face Anti-Spoofing System**

- Engineered a CNN based face anti spoofing system detecting photo, video, and 3D mask attacks using TensorFlow and Keras, achieving high accuracy in face detection and identity verification
- Built an end to end computer vision pipeline covering face detection, preprocessing, feature extraction, and classification, optimized and deployment ready performance.
- Evaluated advanced deep learning architectures under varying lighting and camera conditions, achieving high accuracy with low false-acceptance rates..
- Developed robust computer vision pipeline implementing advanced deep learning architectures for spoofing attack detection and prevention.

Smart 1 kW UPS Design and Simulation

- Designed an automated UPS system using MATLAB/Simulink with optimized switching strategy for efficient power conversion and battery management, featuring precise voltage and frequency regulation.

Multilanguage Voice Conversion System

- Built a real-time multilingual speech processing pipeline optimized for inference, enabling seamless voice conversion across multiple languages with minimal latency.

Autonomous Obstacle Avoidance Robot

- Developed an Arduino based autonomous robot implementing PID control for precise navigation using ultrasonic and IR sensors.

Robot Prototype (SolidWorks)

- Designed a detailed humanoid robot prototype using SolidWorks, focusing on mechanical structure, joint articulation, and component-level modeling to demonstrate realistic motion and assembly feasibility.

OTHER INFORMATION

Technical Skills: Python, C++, Html, CSS, JavaScript, Embedded C, TensorFlow, Computer Vision, LLMs, Prompt Engineering, RAG, n8n, Apify, Google Apps Script, Selenium, BeautifulSoup, VS Code, Git, Docker, Jupyter, Streamlit, MATLAB/Simulink, Proteus, SolidWorks, AutoCAD, Huawei Cloud, AWS, Microsoft Office.

Certifications: Huawei Cloud Developer Professional (HCCDP – Solution Architect), PEC Generative AI Application Developer.

Interpersonal Skills: Problem Solving Skills, Team player, committed to continuous learning, Time Management.

Hobbies: AI, Cricket, Football, Table Tennis.