

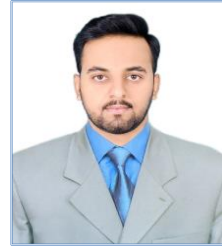
# Muhammad Awais

Electrical Engineer

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Visit Visa Valid till 28 Jan 2023



## CAREER OBJECTIVE:

- Electrical Engineer with a comprehensive knowledge of electrical engineering, design, controls, automation, and codes. Familiar with regulatory standards and procedures of the electrical industry.
- A responsible individual who is committed to achieving excellence. Ability to effectively prioritize and juggle multiple concurrent projects. Excellent attention to detail and well organized.
- Strong ability to work well as a team member and leader, and possesses an exceptional work ethic.

## CORE STRENGTHS & ENABLING SKILLS:

- Project Management
- Quality Control
- Work Break Down Structure (WBS)
- Engineering Sustainability
- Environmental Health and Safety
- Operations and Marketing Management
- Internet of Things (IoT)
- Smart Grid
- Renewable Energy
- Energy Management
- Autonomous Vehicles
- Network Communication
- Automation and Control System
- Monitoring and Evaluating
- MS Office Suite (Word & Excel)
- Team Building & Leadership Skills
- Communication & Presentation Skills
- Procurement Support
- MATLAB
- Xilinx
- Wireshark
- LAB View

## PROFESSIONAL WORK EXPERIENCE:

**Organization:** PMS PVT. LTD, Gujranwala, Pakistan  
(IT Solution Company like FRG Technology)  
**Tenure:** Oct 2021 – June 2022  
**Designation:** Project Engineer



### Responsibilities:

- Collaborated with sales and marketing departments to support business objectives and client acquirement.
- Researched and recommended network and data communications hardware and software.
- Maintained customer satisfaction with forward-thinking strategies focused on addressing customer needs and resolving concerns.
- Provided network support services for devices such as hubs, bridges, routers and other hardware.
- Installed, tested and serviced alarm and associated systems for commercial and residential customers.
- Monitored ongoing technical compliance with applicable laws and regulations.
- Collaborated with vendors to identify best options for optimizing network performance.

### Achievement:

- Developed and implemented performance improvement strategies and plans to promote continuous improvement.
- Made valuable contributions to planning of promotions, pricing and inventory levels, enhancing inventory flow, revenue and profits.

**Organization:** Sync and Secure, Lahore, Pakistan  
(IT Solution Company like Al Khoory Solutions LLC)  
**Tenure:** Nov 2020 – Sep 2021  
**Designation:** Embedded System Engineer



**Responsibilities:**

- Collaborated with software, firmware and hardware engineers to develop complete embedded solutions.
- Engineered software components for automation hardware such as microcontrollers and sensors.
- Applied development roadmap and business model hierarchies to engineering lifecycle for prioritization of development tasks.
- Discussed requirements and processes with project managers and developers.
- Design of an Electrical System including high-speed digital, power management and PCB layouts.
- Diagnosed network problems involving combination of hardware, software, power and communications issues.
- Deep experience with both hardware and software.
- Wireless connectivity, including Wi-Fi and Esp 8266 Module.
- Established robust infrastructure and data capacity for new applications and communication between sites.

**Achievement:**

- Led projects and analyzed data to identify opportunities for improvement.

**Accomplishments:**

- IoT enabled electricity monitoring and billing system.
- Automatic car parking system-using PLC (Instruments and Measurements).
- Obstacle Avoiding Robotic Car (Modern Microprocessor System).
- Mobile Incoming Call Detector (Communication System).
- Arduino Based Digital Thermometer.
- Band Pass & Band Stop Filters (Electronic Devices and Circuit).
- Sampling, Quantization, FFT of the voice signal (Digital Signal Processing).
- Frequency-Modulated Continuous-Wave Radar (FMCW Radar) Research (Communication System).

**ACADEMIC EDUCATION:**

<u>DEGREE/CERTIFICATION</u>	<u>EXAMINING BODY:</u>	<u>YEAR</u>
Masters of Science in Engineering Management	University of Management and Technology Lahore	2022
Bachelor of Science in Electrical Engineering	University of Management and Technology Lahore	2020

**PERSONAL INFORMATION:**

**Father's Name** : Mushtaq Ahmed  
**Date of Birth** : April, 01, 1998

**REFERENCE:**

Reference will be furnished on demand.