

KAMIL MALIK

Electrical Engineer



A Motivated & Hard-Working Individual with Strong Desire to Learn and Continually Develop!

- **Electrical Engineer** having understanding of Circuits Designing, Testing, Maintenance, Troubleshooting, Reporting, and Instrumentation.
- **Confident, Focused, and Energetic Engineer** with excellent practical knowledge of managing and maintaining equipment which are used to monitor and control industrial engineering systems, machinery and processes.
- **A Tech-Savvy Engineer** who can use computer-assisted engineering and design software and equipment to perform multiple tasks with excellence including PLC (Programmable Logic Controller), AutoCAD, IBM Maximo, MATLAB, Simulink, LabVIEW, Proteus Design Suite, Step 7, NI Multisim & Ultiboard, Adobe Photoshop, and MS Office.

CORE STRENGTHS AND ENABLING SKILLS

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| • Computer and Electronics | • IBM Maximo (CMMS) | • Strong Communication Skills |
| • Circuit Designing | • Problem Solving | • Proficiency in English, Urdu, Pushto |
| • Troubleshooting | • Report Writing | • MS Office |
| • Team Work | • Time Management | |

PROFESSIONAL EXPERIENCE

Field Service Engineer

Globe Group of Companies (*Distributors and Services provider of Philips HealthCare equipment's in Pakistan*)

📍 Peshawar



Sept 2020 – Aug 2022



- Working on Philips Medical Devices Especially Radiology and Angiography machines. Site Preparation, installation, commissioning, maintenance, repairing, calibration, adjustment and services of Electro-Medical Equipment's.
- Examine the medical equipment for defects and did the troubleshooting of equipment power supply, AD to DC, DC to DC, Transmission and receiving boards in order to determine the correct repair actions.
- Installation and commissioning of electrical Distribution Box (DB's), Automatic Transfer Switch (ATS) panels, generator, UPS and power cables for the medical equipment's.
- Did the installation and commissioning of **3 Philips Angiography machines at Peshawar Institute of Cardiology.**

Trainee Electrical Engineer

UCH Power Plant (*owned by French Energy Giant ENGIE*),

📍 Dera Murad Jamali, Balochistan



Dec 2018 – Dec 2019



- Getting hard training on **UCH Power Plant, a 990 MW Combined Cycle Power Plant, Dera Murad Jamali** that is developing understanding of operations, instrumentation and processes of plant and devising process management plan.
- Performing preventive/scheduled and corrective maintenance and calibration of all Electronic, Pneumatic Field Instrumentation, and Control System of the plant and BOP.
- Configured and customized IBM Maximo to meet the needs of the department, including Asset Management, Work Management, Work Order and Inventory Management.
- Understanding plant efficiency, daily shift reports, control logic diagrams, single line diagrams, P&ID and Process Flow Diagram (PFD).
- Developing skills needed for root cause analysis of various machines by multiple training and extensive hands-on experience and participating in monthly safety training based on HSE and related procedures.

Electrical Engineer – Intern

Pakistan Telecommunication Company Limited (PTCL),

📍 Peshawar



June 2017 – July 2017



- Reviewed all Electrical and Instrumentation activities, Panel Installation, Cable trays Installation, Cable laying, Cable terminations, Lightning Protection, Earthing & Grounding, Area Lighting System, Instruments' Installation.
- Worked closely with Senior Engineers and analyzed potential root causes of product failure by bypassing in circuit safety features to replicate circuit response that determined the reason for failure, and then communicated findings to the design team in the form of a technical report.

ACADEMICS

FAST - National University of Computer and Emerging Sciences – Peshawar, PK (2013 – 2017)

Bachelor of Science (Electrical Engineering)

PEC Registration No: ELECT/62992



Final Year Project/Thesis: *WIFI Scrap Detecting and Collecting RC Robot*

Designed a wireless and efficient robot that can make movement on wireless commands, send video wirelessly, and make decision on result of image processing of scrap. Robot had a camera module for the detection of scrap and analyzing it to detect objects/scrap in front of it using MATLAB and Wi-Fi router was used for wireless communication and video capturing.

PROFESSIONAL COURSES AND TRAINING

- Fire Alarm System Training, UCH Power Plant – Balochistan, (2019)
- Hands on TI – DSP Workshop, FAST National University – Peshawar, (2016)
- CCNA (Cisco Certified Network Associate), FAST National University – Peshawar, (2015)