



ENGR. SADAM AFZAL

ELECTRICAL ENGINEER (PEC# 60694)

PERSONAL INFORMATION

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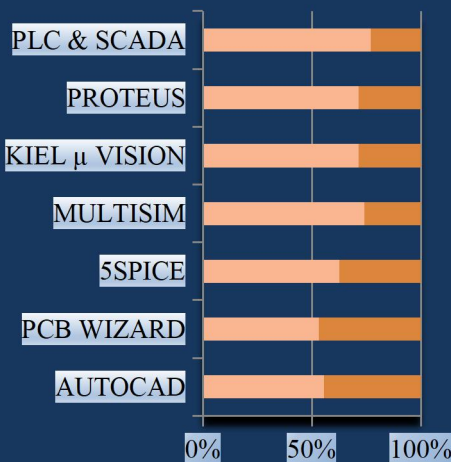
Visa status: Visit Visa(UAE)

Nationality: Pakistani

Marital status: Single

DOB: 14-05-1993

SOFTWARE SKILLS



PROFILE SUMMARY:

Innovative Electrical engineer with proven track record of evaluating transmission and distribution system and working at construction sites and applying knowledge in beneficial way. Adept in carefully diagnosing and assessing issues and offering real viable solution. Skilled in design, installation and testing. Committed to work as collaborative and positive team member, striving to utilize my knowledge and expertise for optimal engineering results.

PROFESSIONAL EXPERIENCE:

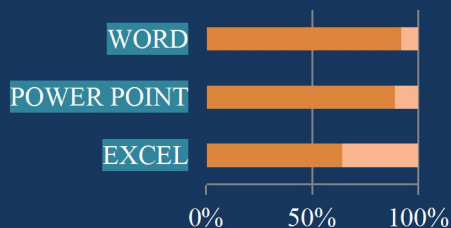
Electrical Engineer at K.R construction and maintenance

(February 2019 to August 2020)

Responsibilities:

- Review base design, specification and technical detail of the project.
- Review of single line diagram and control circuit.
- Load calculation of residential, commercial and industrial building
- Selection of electrical equipments and materials as per project specifications and standard i.e power cable and circuit breaker sizing, transformer, generator and motors as per loads.
- Installation and testing of switch gears, circuit breakers, earthing and magnetic contactor.
- Installation of distribution board and laying cables.
- Evaluating the technical offers submitted by suppliers/contractors.
- Comply with International Standards and Codes related to Electrical used such as IEEE and NEC.
- Carry out site inspection to ensure that the work is completed in accordance with accepted standards and specification.
- Daily and weekly Work Progress Report Preparation and keep the Record.

COMPUTER SKILLS



FUNCTIONAL SKILLS:

- Hardworking, resourceful and result oriented.
- Strong analytical skills.
- Team player and ability to resolve conflicts
- Highly motivated, reliable, confident.
- Committed to professional standards.
- Good communication skills.
- Critical thinker.

Junior Electrical Engineer at 132KV GRID STATION Vehari ,Punjab,Pakistan.

(September 2016 to December 2018)

Responsibilities:

- Accurately diagnosed and directed system issues.
- Manage the diagnosis and repair of electrical circuits.
- Created and implemented test plans.
- Specifically worked in switch yard on Bus bars, Circuit Breakers, Isolator, Current Transformer, Potential Transformer, Relays and other control devices..
- Resolve technical faults.
- Maintenance of other Electrical Equipments.
- Detection and rectification of the system breakdown.
- Oversaw and planned electrical specifications for new systems.
- Regularly recording loads and report to main grid station..
- Documentation on the direction of senior Engineer.

Internship at Thermal Power Station Muzafargarh Pakistan

(July 2015 to October 2015)

Responsibilities:

- Specifically worked under trainer in switch yard on Bus bars, Circuit Breakers, Isolator, Current Transformer, Potential Transformer, Relays and other control devices.
- Collaborating with other engineers to ensure safe production processes as team leader on guidance of senior engineer.
- Utilize my knowledge of power generation and transmission system, circuit calculation and instrumentation.

Major Project:

- Smart Tracking System for Power Theft Identification and Reporting using GSM

Semester Projects:

- Four way traffic light signals

- Motor and sensors interfacing with 8051
- Counter by interfacing with microcontroller

EXTRA ACTIVITIES

- CRICKET
- BOOKS READING
- RUNNING WELFARE ORGANIZATION

CAREER ACCOMPLISHMENTS:

Awards/Consistency: I won 2nd prize in project competition of Electrical Engineering Department in 2014 and later I won a prize in 2015 for my Final Year Project.

EDUCATION:

➤ **B.Sc (Electrical Engineering)----(2011-2015)**

Bahauddin Zakariya University Multan, Pakistan

First Division

➤ **Fsc(pre-engineering)---(2008-2011)**

BISE Multan

First Division

➤ **MATRICULATION----(2006-2008)**

BISE Multan

First Division

REFERENCE:

Available on demand.

LANGUAGES:

- ENGLISH
- URDU
- PUNJABI