

**Ghufran Ullah**Position : Biomedical Engineer

Experience : 7 + years

Key Skills : Maintenance| Repair| Installation| Management| Quality Management

Biomedical Instrumentation |Technical documentation

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**CAREEROBJECTIVE:**

Looking forward to work in a career oriented environment, where I could project my innovative skills in the field of biomedical engineering with a high success rate, for the organization and for the self-growth**.**

**CAREER PROFILE/SKILLS:**

* Assist the Bio medical Engineering Director with all aspects of program management.
* Maintaining work history data analysis of the department
* Assigning work to concerns with respect to the modalities.
* Equipment acquisition planning, installation and testing.
* Development of policies and procedures, and provision of bio medical engineering services. While experiencing quality work with organizations they praised my skills and credentials with the reward of promotion to good level in a short span of time. During these 7 years of experience the perfect hard work remained my passion, to polish my career with the skill personnel.

**PROFESSIONAL WORK EXPERIENCE:**

**Organization: Amiri medical Complex Kabul Afghanistan**

**Tenure**: July 2019-Till Date

**Designation**: **Biomedical Engineer**

**Responsibilities:**

• Report directly to hospital chairman

• Planned Preventive maintenance and corrective maintenance (Includes install, adjust, maintain, repair or provide technical support for biomedical equipment)

• Maintaining proper inventory of medical equipment available in the hospital

• Maintaining spare parts store

• Taking care of test equipment (Calibration of test equipment from authorized third party)

• Proper documentation of all routine biomedical activities

• Managing and supervising the activities of external fields service engineers, suppliers and contractors visiting the hospital for medical equipment care

• Preparing monthly reports of biomedical progress and daily base activities

• Provide technical advice to biomedical technical staff

• Evaluate safety, efficiency and effectiveness of medical equipment in the hospital

• Train clinicians/staff nurses on the proper use of equipment.

**Achievements**:

* Awarded appreciation certificate by hospital admin after ISO 9001:2015 audit

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**Organization:** **North West General Hospital & RC Pakistan**

**Tenure:**  February 2016- August 2019

**Designations:** **Sr. Support Engineer(Biomedical)**

**Responsibilities:**

* Report directly to Director of Department
* Assign routine repairs, inspections and installations to subordinates and observe their performance
* Review outcome of preventive maintenance action and make recommendations.
* Electronics boards troubleshooting and repairing
* Provide mentoring to other biomedical equipment technicians
* Maintenance of Intensive care unit machines
* Maintenance of Operation rooms machines
* Maintenance of Heart station machines
* Maintenance of Fresenius 4008S Dialysis machines
* Schedule PPM of machines according to manufacturer terms and condition
* Train staff and doctors on new installation of biomedical machines
* Maintain documentation on new equipment, inspections, and equipment repairs
* Assist, manage and monitor third party repairs
* Pre-purchase evaluation and facility planning for upcoming new equipment
* Supervise and instruct medical equipment maintenance personnel in the same use, application, testing, preventive maintenance and repair of all types of clinical equipment and systems.

**Achievements**:

* Awarded Appreciation certificate by CEO of hospital on best technical achievement
* Awarded by certificate as a train biomedical engineer (Sponsored by hospital)

**Organization:** **Rehman Medical Institute Pakistan**

**Tenure:**  April 2014– March 2016

**Designations:** **Biomedical tech Level-II**

**Responsibilities:**

* Report to Manager Biomedical Engineering department
* Maintenance of Intensive care unit(General & cardiac) machines
* Maintenance of Operation rooms machine
* Maintenance of Ultrasound machines
* Medical machines electronics boards troubleshooting and repairing
* Train staff nurse and doctors on new machines installation
* Maintain documentation on new equipment, inspections, and equipment repairs.
* Assist, manage and monitor third party repairs.
* Log new devices into computer inventory database upon receipt and inspection
* Solve daily base complaints received from various departments
* Report all patient safety issues to manager and assist with correction of issue as required
* Participate in pre-purchase evaluation programs
* Purchase parts
* Assist in identifying and recommending replacement of equipment that is obsolete, has extensive repair history, or has identified safety issues

**Achievement**:

* Awarded Appreciation certificate as a best trainer

**ACADEMIC EDUCATION:**

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| **DEGREE** | **EXAMINING BODY:** | **YEAR** |
| Master of Science(MS) in Electrical Engineering | Iqra National University Peshawar , Pakistan | 2019 |
| Bachelor of Science(BS) in Electronics (Hons) | University of Peshawar , Pakistan | 2013 |
| Higher Secondary School Certificate(HSSC) | Board of Inter & Secondary Education Bannu,KPK,Pakistan | 2009 |
| Secondary School Certificate (SSC) | Board of Inter & Secondary Education Bannu,KPK,Pakistan | 2006 |

**CERTIFICATION/ ADDITIONAL SKILLS:**

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| **S.No** | **Certificate** | **Area of certification** | **Board/organization** |
| 1 | MCTIP | Computer and Networking | Skill Development Council Peshawar, Pakistan |
| 2 | CCNA(R&S) | Computer and Networking | Skill Development Council Peshawar, Pakistan |
| 3 | PLC/SCADA | Programming and automation | Sponsored by: Directorate of science and technology Peshawar, Pakistan |
| 4 | Biomedical trainer | Medical Devices | International NGO of German, EPOS |
| 5 | Medical Device Quality Management Training | ISO 13485:2016 | Alison International online training organization |

**TRAININGS & WORKSHOPS:**

**Puritan Bennett Ventilator PB 840 in house Technical Training**

* Sponsored By: Rehman Medical Institute Peshawar

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**Toshiba CT Scan model Acquillian CXL in house Technical Training**

* Sponsored By: Rehman Medical Institute Peshawar

**Calibration of Bio-Medical equipment training**

* Sponsored By: Northwest general hospital & research center Peshawar

**Calibration of Bio-Medical equipment training**

* Sponsored By: Amiri Medical Complex Kabul, Afghanistan

**Training on Rigel UNI-SIM Vital Sign Simulation**

* Sponsored By**:** Amiri Medical Complex Kabul, Afghanistan

**Technical Training on Toshiba Xario 100 ultrasound Machine**

* Sponsored By: Amiri Medical Complex Kabul, Afghanistan

**Research Work:**

* Medium term load forecasting using Lanczos Bi-diagonalization through SVD(MS Program)

**Publication:**

* http://www.journalimcms.org/journal/medium-term-electric-load-forecasting-using-lancsoz-bidiagonalization-with-singular-value-decomposition/
* under process

**PERSONAL INFORMATION:**

**Father’s Name** : Umar daraz Khan

**Date of Birth** : March 9th, 1990

**Driving License** : Yes

**Place of birth :** Lakki marwat, KPK, Pakistan

**Religion**  : Islam

**Nationality**  : Pakistani

**References:**

Reference will be provided upon request.