



MOHAMMED MAHMOOD

B.E. BIOMEDICAL ENGINEER

CONTACT

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📍 Near Roza police station roza k
kalaburgi karnataka

Technical skills

- Equipment Maintences and Repair
- Calibration and Testing
- safety and compliance
- Training and Education hospital staff
- Inventory Management
- collaboration and Vendor management
- Equipment selection and Evaluation
- Inventory setup
- Budgeting and Finanical planning
- Vendor Contract and Negotiation
- Emergency Response Planning
- Testing and commissioning equipments
- Documentation and reporting equipments

SOFT SKILL

- Microsoft office
- Brain Vision Analyzer
- Medical Equipment Handling
- Matlab
- C programming
- Team work
- Multi-tasking
- Communication
- Team spirit
- Creativity

CARRER OBJECTIVE

To Work in oganization where my education and technical skills and know how are utilised for the good of the organization and give me with the opportunity to grow alongside it

TRAINED IN VARIOUS BIO MEDICAL EQUIPMENTS

Harvey Biomedical, Bengaluru & Atheena pandian ltd chennai

Product Expertise:

- ECG (Nihon Kohden-Cardiofax)
- Defibrillator (Nihon kohden -Cardiolife)
- patient Monitor (come- star800E)
- Syringe Pump (Smiths Medical -Gaseby 2100)
- infusion pump (Akas infusion-infumax)
- Fetal Monitoring (Comen-star5000E)
- Autoclave (confident -starlinepluse)
- oxygen Concentrator (Nideck- Nuvolite)
- Haematology Analyser (mindray Bc-2800)
- Semi Automated Biochemistry Analyzer (Labmate)
- Anaesthesia Machine 9100c NXT (GE Healthcare). Etc

ACADAMIC QUALIFICATIONS

B.E. IN BIOMEDICAL ENGINEERING

KHAJABANDANAWAZ UNIVERSITY, GULBARGA KARNATAKA

CGPA 8.0% 2023

Intermediate from SHREE GURU INDEPENDENT PU COLLEGE GULBARGA KARNATAKA

Year of Graduation : 2019

Percentage: 60%

High School from FARAAN HIGH SCHOOL, GULBARGA KARNATAKA

Year of Graduation: 2016

Percentage: 76%

EXPERIENCE

Currently working in Narayana cardiac hospital Bengaluru
Biomedical Engineer Apprenticeship

3 Months Advance Training in Biomedical equipments
Harvey Biomedical, Bengaluru

3 Months /Hospital Training.
Khaja Bandanawaz hospital kalaburgi karnataka

1 Month /Training in Biomedical equiements
Atheena pandian pvt ltd Chennai

15 day internship
Manur multispeciality hospital kalaburgi karnataka

Language

- ENGLISH
- Hindi
- kannada
- marathi
- Urdu

Hobbies & interests

- Learning new skills
- Research
- Reading books
- singing
- Recitation
- Meditation

Workshop & webinar

>Attended the online seminar titled "Challenges during the COVID Pandemic and the quest to help mitigate the crisis differently.

>Participated in the enduring material title"the impact of covid-19 inpediatrics" Harvard medical school.

STRENGTHS

•Adaptable Team-Player

I am able to adapt the culture place and processes of any team – large or small

• Always learning

I have made it a habit to read

passions

- Learning regarding new medical Devices Technologys
- communicating, and collaborating creative thinking, critical thinking.

AREAS OF EXPERTISE

- Medical Equipment Handling.
- Supporting patient Diagnosis And Treatment By Installing and Testing, Calibrating Medical Equipments.
- Breakdown Management repairing Biomedical Equipments ,preventive maintenance.
- Training Medical staff associated with the device to teach them complete functioning and application of devices.
- Maintaining Safa Operations.
- Hospital Planning, calculation ROI , Purchase of equipment, Creating the master asset list of devices entire hospital.
- Quality Assurance for Radiology devices and managing the gas plants etc.
- Equipment Risk Management.
- Documentation and service records Maintaining of medical devices.
- Approving New Medical Equipment by Conducting Test.
- Incoming Inspection of medical equipment Handling.
- Medical instrumentation design and development .
- Assessment of Repair Cost , Scheduling of Repair/ PM visit, monitoring and documentation.
- Pre-purchase Evaluation & Negotiation in Procurement.
- understanding of medical Ethics and patient privacy.
- Data analysis and statistics.
- project management.

Projects Handled

• Blood pressure monitoring machine made using Arduino Uno board andnpressure transducers this machine blood pressure monitor measures the measures arterial pressure (Map) and approximately then systolic and diastolic pressures .nlt requires the use of a pressure transducers, an Arduino Uno and coding to control the valve and air pump . The circuit design is composed of three basic stages: a low pass filter, a high pass filter, and a noninverting amplifier. In this Instruction.This device can calculate heart rate and flow by measuring the changes in the motion of the artery as the blood flow through while the cuff deflates .

• paralysis patient health monitoring system made using Microcontroller based. this system designed to help the paralyzed patient convey various messages to doctors nurse or his/her loved ones sitting at home or office over the internet . The system makes use of microcontroller based circuitry to achieve this functionality. It makes use of a hand motion recognition circuit. The hand motion circuit is used to detect hand movements using accelerometer+gyro and then transmit this information wireless over rf to the receiver system is designed to receive system is designed to receive and process these commands and display them over the Lcd as well as transmit the online .

DECLARATION

I here declare that all the information give above is true and correct to the best of my knowledge., All the information shared in resume is correct and I take full responsibility for its correctness , I solemnly declared that the information in this resume is true to the best of my knowledge and belief

Place :bangalore


Mohammed mahmood