



MOHAMMED JASIM A R

BIOMEDICAL ENGINEER

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Date of Birth: 23 May 2001 | Nationality: Indian | Passport Number: U3366556

PROFESSIONAL SUMMARY

Biomedical Engineer with 2+ years of hands-on experience in installation, preventive maintenance, calibration, and troubleshooting of medical equipment in hospital environments. Experienced in OT and critical care support, asset lifecycle management, vendor coordination, and compliance with NABH, ISO, NABL, and ACHSI standards. Proven ability to minimize equipment downtime, support surgical teams, and enhance patient safety through effective technical and administrative management.

KEY SKILLS

- Preventive Maintenance (PPM)
- Medical Equipment Calibration
- Medical Device Validation
- Biomedical Device Troubleshooting
- Operation Theatre (OT) Equipment Support
- Critical Care Equipment Support
- Medical Equipment Installation
- Medical Equipment Commissioning
- SAP (Asset & Service Management)
- Medical Device Software & IT Support
- Equipment Documentation & Service Reporting
- Compliance with NABH Standards
- Compliance with ISO, NABL & ACHSI Standard

PROFESSIONAL EXPERIENCE

CLINICAL ENGINEER

[KIMS Health, Trivandrum, India](#)

November 2023 – 13 Dec 2025

- Provided technical support for OT equipment during surgeries and daily clinical operations.
- Performed preventive maintenance, calibration, and corrective maintenance of medical equipment in accordance with ECRI guidelines.
- Diagnosed and resolved equipment breakdowns to ensure minimal downtime.
- Coordinated with vendors for service support, warranty claims, and spare parts.
- Managed AMC/CMC documentation, renewals, and service follow-ups.
- Supervised installation, commissioning, and performance testing of new medical devices.
- Maintained asset inventory, equipment history, and monthly service reports using SAP.
- Trained hospital staff on safe and proper use of medical equipment.
- Ensured compliance with NABH standards and hospital safety protocols.
- Supported software and IT-related functions of medical devices, including configuration and troubleshooting.

INTERNSHIP EXPERIENCE

BIOMEDICAL ENGINEERING INTERN

[NIMS Medicity, Kerala, India](#)

01/10/2022 – 07/10/2022

- Gained hands-on experience in operation and maintenance of ICU and critical care equipment.
 - Assisted in troubleshooting radiological and intensive care medical devices.
 - Performed minor repairs and servicing of biomedical equipment.
 - Developed practical knowledge of hospital biomedical engineering workflows.
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EDUCATION

❖ Bachelor of Technology (B.Tech) – Biomedical Engineering

TKM Institute of Technology, APJ Abdul Kalam Technological University

2019 – 2023 | CGPA: 7.21

CERTIFICATIONS & TRAINING

- Certification of conduction and participation of 6th National conference for biomedical engineers held by KIMS health, Trivandrum.
 - Foundations of Healthcare Systems Engineering - an online non-credit course authorized by Johns Hopkins University and offered through Coursera.
 - Certification for participating in Biomedical Masterclass conducted by Medtronic.
 - Hands-on training on intensive care unit equipment's from Cyrix Healthcare.
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SOFT SKILLS

- Vendor Coordination
 - AMC / CMC Management
 - Team Collaboration
 - Technical Communication
 - Training Hospital Staff on Equipment Usage
 - Time Management
 - Problem Solving
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LANGUAGES

English – Proficient | Hindi – Intermediate | Malayalam – Native