

Contact

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(LinkedIn)
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(Personal)

Top Skills

Test Automation
Good Manufacturing Practice (GMP)
Quality Control

Languages

English (Full Professional)
German (Professional Working)
Urdu (Native or Bilingual)
Hindi (Full Professional)

Certifications

Computer Hardware Basics
CABT
CompTIA Project+ Certified Project Manager
Certified in Cybersecurity (CC)

Honors-Awards

German Citizenship Through Naturalization
Awarded student scholarship at Sir Syed University
Positive skills assessment by Engineers Australia for a Professional Engineer
Australian Skilled Immigrant
Australian Citizenship Through Naturalization

Publications

Realization of novel demand controlled stimulation techniques

Munir Bhatti (MIEAust)CABT

Patient Monitoring and Life Support- CSSD-Laboratory Equipment- Telemedicine Systems-Product Design & Development-Field Service-Global Experience (Germany & Australia)-ISO 13485- ISO9000

Saudi Arabia

Summary

Accomplished Biomedical Engineer | 18 Years in Medical Devices | Global Experience (Germany & Australia)

I bring 18 years of expertise in the medical device industry, with hands-on experience across implantable devices, laboratory equipment, CSSD, and telemedicine systems. Having worked in both Germany and Australia, I offer a strategic and global perspective on product innovation and healthcare technology.

My career covers the entire product lifecycle—from concept, design, and development to testing, manufacturing, regulatory compliance, and field service. I thrive at the intersection of engineering and quality, ensuring products not only meet standards but also enhance patient outcomes and customer experience.

Key Strengths:

Customer Service & Technical Support
Research, Design & Development
Product Verification & Validation
Quality Assurance & Continuous Improvement
Regulatory Compliance & Troubleshooting

Core Specialties:

- ✓# Quality Management Systems (QMS), cGMP, ISO 13485, JCI, FDA QSR (21 CFR Part 820)
- ✓# Continuous Improvement & Process Optimization
- ✓# Traceability & Change Management
- ✓# Engineering Quality Assurance
- ✓# Supplier & Internal Auditing
- ✓# Commissioning, Verification & Process Validation

for the control of synchronized brain activity

Long-term therapeutic effects of electrical multi-site coordinated reset deep brain stimulation

External trial deep brain stimulation device for the application of desynchronizing stimulation techniques

✓# Test Automation & Product Design

My contact details are as follows:

mbhatti2000@yahoo.com

+61493376590

Experience

Thermo Fisher Scientific

Senior Field Service Engineer

March 2025 - Present (10 months)

Perth, Western Australia, Australia

Senior Service Engineer looking after Thermal Cyclers, Quantstudio's, KingFisher Apex, Attune NxT and GeneTitan

Duties and Responsibilities: Schedule and perform Preventive Maintenance, troubleshooting, repair, testing and commissioning

Engineering Institute of Technology

Casual Lecturer

February 2024 - Present (1 year 11 months)

Perth, Western Australia, Australia

Delivery of lectures and tutorials, both online and on campus, Unit

Preparation, Review, Administration

and Student Support, Unit reporting, Student Supervision.

Babich Maintenance & Steriliser Services Pty Ltd

Senior Service Technician

February 2024 - February 2025 (1 year 1 month)

Perth, Western Australia, Australia

Biomedical Engineer looking after CSSD Sterilizers, washers and heat sealers and Endoscopic Drying cabinets

- Schedule and perform Preventive Maintenance, troubleshooting, repair, testing and commissioning of CSSD Equipment

Hospital Products Australia

Senior Service Engineer

July 2021 - January 2024 (2 years 7 months)

Australia

Biomedical Engineer looking after ICU, OT and General Patient Monitoring equipment from Mindray and IT equipment (Workstation on wheels -WOW's)

- Anaesthesia machines, Ventilators, Patient monitors, Endoscopy stacks, ECG machine, Infusion pumps

Duties and Responsibilities

- Schedule and perform Preventive Maintenance, troubleshooting, repair, testing and commissioning of Biomedical Equipment

Siemens Healthineers

Team Lead at Fiona Stanley Hospital

January 2018 - June 2021 (3 years 6 months)

Perth, Australia

Worked in Fiona Stanley Hospital

Senior Biomedical Engineer looking after ICU, OT and General equipment at Fiona Stanley Hospital

- Anaesthesia machines, Ventilators, Patient monitors, Heart Lung machine, ECMO, Heater Cooler Units, ESU's, Endoscopy stacks, ECG machine, Infusion pumps, CT scanner, C-arm, MRI

Duties and Responsibilities

- Schedule and perform Preventive Maintenance, troubleshooting, repair, testing, commissioning and end user training of Biomedical Equipment

ZOLL Medical Corporation

Field Service Engineer

October 2016 - December 2017 (1 year 3 months)

- Schedule and perform preventive maintenance, troubleshooting, repair and testing
- Complete all required service documentation and update device service history files

Karl Storz Endoscopy

Quality engineer

July 2013 - September 2016 (3 years 3 months)

- Work as part of a team to continuously improve quality of our products and processes
- Documentation according to MDD 93/42/EEC and ISO13485 Standards to ensure traceability
- Support factory inspections by Intertek
- Conduct and support Internal and third party Audits
- Perform, process and support corrective and preventive actions (CAPA's)
- Support Change requests (CRFs)
- Get Quality Metrics for management reviews

- Root cause analysis of products
- Processing and handling of complaints in cooperation with the relevant departments

Thermo Fisher Scientific

Test Engineer

October 2012 - June 2013 (9 months)

- Worked as part of a team delivering new functionality within our product, with focus on testing
- Making design changes for device certification according to IEC 61010 by working with NEMKO
- Support CSA (Canadian Standards Association) factory inspections conducted by DEKRA
- Write, document and execute test cases and test plans for embedded software
- Execute system and performance tests according to the test specifications
- Perform electrical and functional system testing of prototype systems
- Independent development of appropriate testing arrangements
- Construction of test circuits and simulation modules
- Investigate potential defects and discuss their root cause with external developers / programmers

Neurotherapies Reset formerly ANM GmbH

Development Engineer

October 2006 - September 2012 (6 years)

- Developed and performed test procedures for verification and validation of Tinnitus treatment system
- Work directly with design engineers to ensure products conform to design specifications
- Performed functional verification of product software
- Reported and documented problems according to Quality management system (ISO13485)
- Complaint handling and Trouble shooting

Research Centre Juelich

R&D Engineer

December 2005 - September 2006 (10 months)

Juelich

- Part of a team that developed an external deep brain stimulator for the treatment of Parkinson's disease

- Data analysis using Matlab
- Test, manage and set-up lab equipment for experiments
- Reporting and documenting issues
- Verification and Validation of software
- Interacting with patients and planning and conducting research experiments
- Accompanying deep brain stimulator (DBS) surgery to collect neurological data

Education

Aachen University of Technology

Master of Science (MSc), Biomedical/Medical Engineering · (2004 - 2006)

The Medical Engineering Training Centre - The Medical Room

Servicing Cardiovascular Equipment · (2015 - 2015)

Sir Syed University of Engineering and Technology

Bachelor of Science (B.Sc.), Biomedical Engineering · (1999 - 2003)