

## Professional Profile

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Dedicated Electronics Engineer with more than 15 years of experience, able to maintain, test, and optimize medical equipment and hospital facilities. Proficient in using computerized maintenance management systems, biomedical analysers, and engineering test tools to understand, calibrate and improve equipment and facilities performance. Work effectively with industry professionals to meet needs and enhance performance.

## SKILLS

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- Maintenance Management
- Engineering Administration
- Inventory Management
- Purchasing Requirements
- Repair & Maintenance
- Designs & Recommendations
- Health & Safety Management
- Risk Assessment
- Facilities Monitoring
- Fire Alarm Systems
- Security & Alert System
- In House Education
- Microsoft Office
- GE Asset plus CMMS
- SAGE system CMMS
- Syngo PACS
- Knowledgeable in Computer Hardware & Networking

## EXPERIENCE

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08/2016 – Present

**Biomedical Engineer**, Muscat Private Hospital – Muscat Oman

- Leads the engineering department's facility management and safety team in acquiring JCIA in April 2023.
- Performs troubleshooting, repair, preventive maintenance and calibration of about 700 medical devices in a 75 bed capacity hospital in accordance to JCIA guidelines.
- Provides critical problem solving and decision making including work prioritization of equipment with higher clinical repair needs.
- Functions as a resource person for assigned equipment, which may include providing scheduled or on-the-spot instruction to clinical staff regarding the safe and proper use of medical equipment.
- Provides recommendation on purchasing of medical equipment and gives input about the advantages and disadvantages of the devices.
- Ensure all spare parts and consumables are within stocks level such as batteries, sensors, bp cuff, lead wires, electrodes, lamps and the likes.
- Makes and revised the policy and procedure of biomedical engineering department.
- Ensure all medical equipment under supplier maintenance contract are followed and properly executed according to what is written in the contract.
- Updates and monitor quarterly key performance index (KPI) of the department.

- Ensures the availability of relevant electronic data for analysis of maintenance operations and performance as required in support of KPI's of the department.
- Evaluates assigned staff productivity, efficiency and other specific work quality performance indices.

01/2021 – Present

**Safety Officer,** Muscat Private Hospital – Muscat Oman

- Chairman of health and safety committee that oversees the HSE programs
- Ensures engineering facilities are in proper and safe condition.
- Designed programs, policies and procedures that were implemented to reduce or eliminate workplace injuries and hazards.
- Keeping on the lookout for any unsafe behaviour or breaks in regulations
- Assessing risk and possible safety hazards of all aspects of operations
- Inspecting equipment and processes to make sure they are safe
- Ordering repairs for unsafe and/or damaged equipment
- Focusing on prevention by keeping up with equipment maintenance and employee training
- Presenting safety principles to staff in meetings or lecture-type training sessions
- Participating in continuing education to update knowledge of health and safety protocols and techniques
- Creating safety plans that include suggested improvements to existing infrastructure and hospital process.
- Sharing information, suggestions, and observations with project leadership to create consistency in safety standards throughout the production team and the entire company
- Meeting company health and safety goals
- Investigating causes of accidents and other unsafe conditions on the job site
- Finding the best way to prevent future accidents

03/2015 – 07/2016

**Biomedical Engineer,** Oman Medical Specialty Board – Muscat Oman

- Perform repair and periodic maintenance of medical simulation center equipment on a 6-monthly basis.
- Ensure all medical equipment and simulators are in good working conditions.
- Makes the policy and procedure of biomedical engineering department.
- Provides in house training for medical coordinators to uplift their skills and improve user proficiency.
- Provides technical support for information technology personnel in troubleshooting software, hardware and network problem.
- Perform additional task as required by the center such as maintenance and technical support of fire alarm system, access control, cctv, electrical system and other technical matters.

03/2009 – 03/2015

**Biomedical Engineer**, The Medical City – Pasig City, Philippines

- Perform repair, preventive maintenance and calibration of about 2,200 medical devices in a 522 bed capacity hospital in accordance to JCI guidelines.
- Responsible for the operational and network management of the RIS, PACS servers and workstations
- Experienced in monitoring medical facilities such as reverse osmosis System, chillers, medical air plant (centralized vacuum & compressed air), nitrogen & oxygen manifold & centralized oxygen supply (vacuum insulated evaporator).
- Participate in conducting preventive maintenance & other technical services to other acquired hospitals such as TMC Ilo-Ilo, TMC Calasiao Pangasinan & TMC Angeles.

08/2008 – 03/2009

**Technical Service Specialist**, MTC Opto-Medic INC – Makati, Philippines

- Servicing, installing, testing and demonstrating medical equipment's.
- Assembling computer and installation of application used for medical equipment.
- Participating in preventive maintenance in different hospitals and clinics.

05/2006 – 08/2008

**Systems Sales Engineer**, Faire Technologies INC – San Juan, Philippines

- Designing, demonstrating, installing and selling systems such as fire alarm, burglar alarm, intercom, pabx, closed circuit televisions, guard tour and access control.
- Managing and organizing proper operations of showroom.
- Knowledgeable in estimating installation cost on the said systems.

## EDUCATION

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Graduated 03/2006

**BS Electronics & Communications Engineering**, Central Colleges of the Philippines, Quezon City

**World Education Services**

Canadian Equivalency: Bachelor's Degree (Four Years)

Reference #: 5691609IMM

Passed 01/2014

**Electronics Engineer**, Professional Regulation Commission, Philippines

Professional License number: 56372

Passed 01/2014

**Electronics Technician**, Professional Regulation Commission, Philippines

Professional License number: 2313

Acquired 01/2021

**Certified International General Certificate in Occupational Health & Safety**, NEBOSH, UK

Master log certificate no: 00552107/1202310

11/2022

**International English Language Test (IELTS):** General Training

Test Report Form Number: 220M005392POLJ001G

Listening: 6

Reading: 6

Writing: 6

Speaking: 6.5