



Rajkumar

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OBJECTIVE

Actively seeking a role that will continuously provide challenges, ideally within a dynamic and growing organization, where I can serve your organization and establish an enjoyable career for myself. Leading by example, working on goals and development of new and existing projects. Target to implement cost saving strategies and focusing on growth and expansion of the company.

PROFESSIONAL EXPERIENCE

BIOMEDICAL ENGINEER| ROYAL HOSPITAL | MUSCAT-OMAN|MARCH 2015-PRESENT

DUTY AND AMENABILITY

1. Calibration of equipment and document maintenance
2. Preventive maintenance and services
3. 24*7 emergency breakdown service
4. Installing new equipment and training end users to operate the equipment
5. Seminars on contemporary technical developments

AREA OF WORK

1. New equipment division (Testing and acceptance)
2. Breakdown division-Genetic division, Diabetics, molecular equipment's division
3. National diabetic Centre, molecular imaging Centre, national genetic Centre
4. Hyperbaric oxygen therapy chamber maintenance division including specialized ventilator, syringe pumps, infusion pumps & HAUX medical monitor

EQUIPMENTS HANDLED

GENETICS DIVISION-CYTO GENETICS&MOLECULAR GENETICS

1. Verti 96-well fast thermal cycler-Applied Biosystems, Eppendorf nexus gradient
2. Simplicamp Thermal cycler
3. Light cycler480 -Rosch diagnostics
4. Gene xpert (four cartridge) &Karyotype microscopes
5. Flash gel electrophoresis-Bio-Rad, Lonza system

BIOCHEMISTRY AND HEMATOLOGY DIVISION

1. Biochemistry analyzers and 5 differential part cell counter(sysmex)
2. Auto blood gas analyzer-Radiometry

DIABETICS DIVISION

1. Pedography system
2. Ophthalmology division

HYPERBARIC DIVISION

1. Hyperbaric chambers (multiplex, mono chambers)
2. Siaretron 1000iper ventilator, Argus606s and 705s (infusion and syringe pumps)
3. HAUX medical monitors

MOLECULAR IMAGING DIVISION

1. Radiation monitors
2. Survey monitors
3. PET-CT(Siemens)-under ministry of health contract
4. Cyclotron-Under ministry of health contract

TRAININGS UNDERGONE

1. Completed Electrical safety testing course with RIGEL team from uk
2. Completed training for all temperature verification kits (Single channel & multichannel)-Applied Biosystems & Eppendorf

SERVICE ENGINEER | IRIS HEALTHCARE | KERALA-INDIA|APRIL 2013-MARCH 2015

RESPONSIBILITIES

1. Taking care of new installations and application training
2. Giving demonstration for the new products to technicians and doctors
3. 24*7 response for break downs
4. Maintenance of annual maintenance contract and comprehensive maintenance contract

DOMAIN OF WORK

1. Biochemistry analyzers (automated and semi-automated)
2. Hematology analyzers
3. Electrolyte analyzers
4. Urine analyzers
5. Micro plate reader & washer

EQUIPMENTS HANDLED

1. Dirui-cs400,300,800
2. Diatron-(3 & 5 differential parts)
3. Ions5
4. Bqa (Bio kit Quantex Analyzer)
5. Dirui H100, H50

SERVICE ENGINEER|COMTECH SYSTEMS|COIMBATORE-INDIA|JULY 2012-MARCH 2013

DUTIES AND TASK

1. Taking care, the assigned territories
2. Installation and preventive maintenance & service
3. Assisting the dealers and sub dealers
4. Assigning new service dealers in territories

FIELD OF WORK

1. Dental equipment (dental chairs(kavo), dental x-ray)

SERVICE ENGINEER|VIVID HEALTHCARE|COIMBATORE-INDIA|2011-2012

DUTIES AND TASK

1. Attending breakdowns which was assigned by coordinator
2. Performing regular maintenance and service for the contract and warranty equipment

FIELD OF WORK

1. Computerized radiography & Digitized radiography-Fujifilm

EQUIPMENTS HANDLED

1. Fcr capsula x
2. Fcr capsula xl2
3. Fcr prima v console
4. Drypix 8000
5. Drypix plus

MULTI DOMAIN TEAM COORDINATION SKILLS

- Good interpersonal skills and problem-solving skills.
- Team player with strong written and verbal communication skills.
- Maintaining healthy relationships with customers and suppliers to assist development phase.
- Got rewards from engineer for managing the departments independent and maintaining good relationships with the end-user

EDUCATION

B.E | 2010 | VELALAR ENGINEERING COLLEGE|70%

Major: Biomedical Engineering

DIPLOMA | 2007 | RUDHRAVENI MUTHUSWAMY POLYTECHNIC|85%

Major: Electronics & Communication engineering

PROJECTS HANDLED

Diagnosis of diabetes mellitus based on statistical analysis of reflected light by non- invasive laser Doppler technique

This project aims to diagnose the diabetes mellitus non - invasive based on the reflected laser beam, this method depends on he-ne gas laser operating 632.8nm wavelength and laser Doppler technique this project mainly focusses on non-invasive method

Microcontroller based power jack

It works with 89c51 MC, RF transmitter, RF receiver, Keypad, DTMF code generator, Relay section and power jack. When a key is pressed, a DTMF code is generated and transferred to MC through RF transmitter. At the receiving end, the signal is decoded and given to MC. According to signal MC operates the power jack through a relay section.

PERSONAL INFORMATION

Fathers name	Thirumalaiswamy(Expired)
Date of birth	04/09/1989
Marital status	single
Nationality	Indian
Passport no	H8531542
Languages	English (IELTS 6 band)-IDP Australia

