

## **Joshin Mathews Joseph**

MTech: Electronics and Communication

MBA: Operations Management

Passport No: Y 8528236

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### **OBJECTIVE**

*seeking a promising & challenging career that will enable me to utilize the best of my technical, analytical & professional skills. Differentiated by my ability to engage customers and translate technology to solve real-life business requirements.*

### **PROFESSIONAL EXPERIENCE**

#### **Hi-Teck Crematorium Pvt Ltd. India - Operation Executive, March 2018- November 2020**

##### **Responsibilities:**

- Implemented procedures to ensure precise deployment and tracking of products, aligning with requirements.
- Evaluated key objectives to assess operational effectiveness.
- Researched and devised strategies to enhance operational and strategic goals.
- Maintained effective communication with management, staff, and vendors to ensure smooth organizational operations.

#### **Saudi Building Technic Maintenance Co. Ltd. Saudi Arabia - Electronics Engineer, March 2015-March 2017**

**Site: - Sattam Bin Abdul-Aziz University, Saudi Arabia**

##### **Responsibilities:**

- Designed, set up, and configured intricate switching and wireless networking environments, including LAN configuration supporting open or secured access for voice and video applications.
- Led a team for on-site installation, programming, integration with inventory management, and testing.
- Conducted testing and fault finding in PCBs, power supplies, circuits, and electronic components.
- Managed client engagement, involving requirement gathering, solution optimization, and delivery.
- Developed BMS software databases per engineering documents and project specifications.
- Prepared and maintained documentation related to equipment repairs, replacement parts, calibrations, and modifications.

##### **Projects Undertaken:**

- **Networks & Infrastructure Project:** Designed, developed, and commissioned a project involving installation of client and server network software for upgrading and maintaining network systems.
- **Software Development:** Designed and implemented software valued at 1 million riyals for monitoring and enhancing maintenance procedures, and improving Preventive Maintenance (PM).
- **Surveillance Project:** Installed sensors in HVAC package units and CCTV surveillance.

#### **ITRAITZ IT Solutions, India - Tech Support Engineer, July 2013-December 2014**

##### **Responsibilities:**

- Monitor and troubleshoot system and network problems for solving hardware and software faults.
- Produce accurate reports on team performance for senior managers. Providing product training to partners and corporate users.
- Expertise in writing code using ladder logic that can be transferred to different machines when necessary

- Oversaw the design, implementation, configuration, maintenance of servers and other hardware/network infrastructure.
- Gained experience in release management, strategic planning, people management, quality improvement, coordination and leadership.

## EDUCATION

Degree	Subject	Education /University	Year	%/CGPA
MBA (Distant)	Operation Management	Indira Gandhi National Open University, Delhi	2021-2023	3.8/B/64%
M. Tech	VLSI Design	SRM University, Tamil Nadu, India	2011-2013	7.8
B. Tech	Electronics and Communication Engineering	Rajiv Gandhi college of Engineering, Anna University, Chennai, India	2007-2011	74.46
Higher Secondary	Computer-Math's	Mar Thoma Senior Secondary School, Kozencherry,(CBSE) Kerala, India	2007	75.6
Secondary		Carmel Convent English School, Thadiyoor, (CBSE), Kerala, India	2005	76.6

## LANGUAGES AND TECHNOLOGIES

- TUV Rheinland Certified Automation System Engineer.
- Proficient in VHDL, C, and C++ programming, and adept in Microsoft Office.
- Experience in power testing and functionality checks using Model Sim and Xilinx software.
- Programming PLC (Programmable Logical Controllers) and SCADA (Supervisory Control and Data Acquisition) systems.

## CERTIFICATIONS, RESEARCH & TRAINING

- Completed **advanced excel** course from G-TECH Computer Education, July 2023.
- Completed Salesforce course (admin and development) at Access Technologies, Bangalore (2023).
- Certified Automation System Engineer (ASE) by TUV Rheinland (Cert no: IPCS0917-ASE1915) through training by Ingenious Power and Control System (IPCS) Pvt. Ltd (March 2017 - July 2017).
- Presented "Reconfigurable High-Performance Baugh Wooley Multiplier for DSP Applications" research paper at Anna University Regional Center, Coimbatore (10-11 May, 2013), sponsored by IEEE, ISRO, and DRDO.
- Published a paper titled "Reconfigurable High-Performance Baugh Wooley Multiplier for DSP Applications" at the International Conference on Electrical, Electronics and Computer Science (14th April 2013) in Chennai.
- Attended one-week training in the Air Traffic Control Department at Chennai International Airport and presented a detailed report on signalling and networking in Air Traffic.

## PERSONAL DETAILS

Gender: Male

Date of Birth: October 28, 1989