



Reji Joy Thoppil

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Thoppil (House), Nairkuzhi,
NIT, Calicut
Kerala, India

Profile Summary:

Persuasive and Influential **Senior techno-commercial professional** with **B-tech in Electrical & Electronics Engineering and NACE CP3 certified**, having more than **24 years** of achievements in multi-industry environment of Engineering & construction, Consultancy, Oil & Gas / Petrochemical and Ceramic Industries in India and Middle East.

Irreproachable technical prowess, meticulous nature, logical mind with proven track record and expertise in taking up lead roles in project management, Business development, Design & Engineering, Planning, Maintenance and Reliability Engineering. Well versed in diversified technical fields of Electrical, Cathodic protection, Instrumentation, Automation, SCADA and Telecom. Unique blend of visionary leadership with expertise to lead strategic planning and direct teams for multisite operations, cost control and effective management of organizational, cultural diversities. Open to worldwide relocation and exploring suitable opportunities in a professionally managed organization.

Industrial Exposure

☐ Oil & Gas Industry ☐ Petrochemicals ☐ Engineering & Construction ☐ IT services ☐ Ceramic Tiles Manufacturing Industry

Key Impact Areas

- ☐ Project Management
- ☐ Technical Management.
- ☐ Business Development
- ☐ Resource Management.
- ☐ Tendering, Bidding and Contracting
- ☐ Techno-Commercial Analysis.
- ☐ Planning & Resource Optimization
- ☐ Reliability Engineering & Asset Integrity
- ☐ Design & Detail Engineering
- ☐ Product Development
- ☐ Operation & Maintenance.
- ☐ Technical & Safety Audits.
- ☐ Quality Control
- ☐ Cross Country Pipelines & Plants Operation & maintenance

- ☐ Electrical & Electronics Systems
 - Substations, Switchyards
 - Power control centers & Motor control Centers,
 - HV and LV systems
 - Power system Protection – Switch Gears and relay coordination.
 - UPS, Battery Banks, Solar Power systems
 - Thyristorized Rectifiers
- ☐ Cathodic Protection systems
 - SACP and ICCP systems for onshore and offshore applications
 - In-plant and Cross country pipelines and piping
 - Tanks (internal & External), Concrete CP, Water Boxes
 - Offshore Platform CPs
 - Well Casings
 - Seawater cooling tower sumps.
 - Solar Power systems
 - Surveys – CIPS, DCVG, ACVG, CAT, Pearson surveys etc.
- ☐ Information Technology (IT)
- ☐ Computer Network Management.

- ☐ Instrumentation systems
 - HART transmitters, MODBUS, Field Bus Systems,
 - Custody Meters, Gas Chromatographs
 - PID Controllers, Control valves
- ☐ Industrial Automation
- ☐ SCADA
 - Honeywell, Foxboro, Wonderware configuration & customization.
 - RTUs, Data Concentrators,
- ☐ DCS, PLCs and Micro Controllers
 - Siemens, Omron, Allen Bradley
 - Arduino, AtMega328
- ☐ Cross platform integration of field devices
- ☐ Pipeline Leak Detection System.
- ☐ Risk Analysis & Management
- ☐ Process Safety Management.
- ☐ Safety Instrumented systems (SIS)
- ☐ SIL analysis, HAZOP, PHA
- ☐ Compliance to statutory and Industrial Regulations
- ☐ Compliance to Industrial Standards.
- ☐ Fire & Gas Systems
- ☐ Inline Inspection of Pipelines

Major Projects and Assignments

- Consulting Technical Director for Technopano , India Since Sept 2020
- Planning and Design Head for Cathodic Protection of water management Project KOC –Kuwait (2019-2020)
- Planning manager for LFHO cathodic protection Project KOC- Kuwait. (2017 -2019)
- Project Manager for Plant , Pipeline and offshore Cathodic Protection maintenance and E&I Maintenance Project in EQUATE petrochemicals –Kuwait (2013-2017)
- Upgradation of Solar power system for Pipeline road crossing CP project in EQUATE petrochemicals , Kuwait -2015
- Functional Head for O&M , Reliability & Integrity of SCADA Controlled hydrocarbon cross country pipelines (500 Km) and OSBL area. Overlooking SCADA , Electrical & Instrumentation , Automation, Cathodic Protection ,mechanical and process for Reliance Industries Ltd , India 1998 -2013
- 6" Ethylene Pipeline Intelligent Pigging (with HRMFL tool) project for Reliance industries Ltd., India 2011.
- Member of HAZOP and PHA analysis team for early gas connectivity Project for Reliance industries Limited , India -2011
- Implementation of SAP and MIS system in RPTL , India in 2010
- Cathodic Protection System revamping of Anode beds of DGB pipelines for RPTL , India 2008
- DGB telecom Upgradation (Platform migration, SCADA Customization PLC programming , ESDs etc) project in 2006
- Engineer Incharge for 6" Naphtha Pipeline Intelligent Pigging (with HRMFL tool) project for Reliance industries Ltd., India 2006
- CIPL and DCVG survey for HDPL pipelines for Reliance Industries Ltd. .
- DGB SCADA (SCADA customization, RTU programming ,ESDs , SIL and HAZOP) & Naphtha line LDS project in Reliance Industries Ltd. ,India 2005-2006
- Engineer-Incharge of Hazira Dahej Pipeline project in erection, testing and commissioning of SCADA , Leak Detection , ESDs, SIS, Instrumentation , Electrical systems ,Fire Alarm system for Reliance industries Ltd. ,India 2001- 2002
- Engineer Incharge for Installation, testing and commissioning of telecom systems for Hazira Dahej Pipeline Project for Reliance industries Ltd , India -2001-2002
- Engineer Incharge for Installation , Testing and commissioning of UPS systems , Battery Banks and FCCB charger systems for Hazira Dahej Pipeline Project for Reliance Industries Ltd. India - 2001
- Installation , Testing and commissioning Power control centers, Motor control centers ,Grounding systems and Pumps for Naphtha pipeline flow enhancement project for Indian petrochemical Corporation , India in 1999-2000
- Installation testing and commissioning of Instrumentation system ,ESDs and Leak detections system for Naphtha pipeline flow enhancement project for Indian petrochemical Corporation , India in 2000
- Total flooding CO2 fire alarm system installation testing and commissioning DGB pipeline project for Indian Petrochemicals Ltd -1999
- Project for Office networking , Router and switch management for Punjab National Bank Baroda ,India -1998
- Member in Installation & Testing tunnel kiln control system (PLC Programming Omron & Siemens)for third kiln project in Madhusudan ceramic industry Ltd ,India.- 1997
- Installation and commissioning of Thyristorized drive for calendaring machines in Gregory Polymers , India -1996

Personal Traits

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| <input type="checkbox"/> Team leadership | <input type="checkbox"/> Creative | <input type="checkbox"/> Problem-solving | <input type="checkbox"/> Having an eye for detail |
| <input type="checkbox"/> Self-motivated | <input type="checkbox"/> Adaptable | <input type="checkbox"/> Excellent Communication | <input type="checkbox"/> Requirement Elicitation |

IT Skills

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| <ul style="list-style-type: none"><input type="checkbox"/> Microsoft windows OS:<ul style="list-style-type: none">- XP , 2003 Server , Windows 7,8 , Windows 10<input type="checkbox"/> System Architecture<input type="checkbox"/> Microsoft Office: Advance level with Visual basic runtime macro programming<input type="checkbox"/> Wireless & Networking | <ul style="list-style-type: none"><input type="checkbox"/> Microsoft Projects<input type="checkbox"/> Auto CAD 2018<input type="checkbox"/> Primavera P6<input type="checkbox"/> Other Software Applications: SAP , IPDS, RSlogix, ISagraph,<input type="checkbox"/> Microcontroller Programming. |
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Educational & Professional Enhancement

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| <ul style="list-style-type: none"><input type="checkbox"/> B-Tech (Electrical & Electronics Engineering), University of Calicut, Kerala (1995) with first class<input type="checkbox"/> Professional Enhancements<ul style="list-style-type: none">- Certified NACE CP Level-3 (Cert.No-68576)- NACE CP Level- 4 –Course Completed- Cambridge Certified WAN Associate (Certificate) | <ul style="list-style-type: none">- Pipeline Leak Detection System software (Training)- PLC programming RTU20 and RTU40 Foxboro –In house Training- Wonderware Intouch SCADA –In-house Training- Cathodic Protection Design (Training & Certification)- In-line Inspection of pipelines – HR MFL with ID/OD discrimination and INS Navigations. |
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Language Skills

- ☐ English ☐ Malayalam (Mother Tongue) ☐ Hindi ☐ Tamil

Work History (+24 Years)

Technical Director , Freelancer , India Sept' 2020 – Till Date

Type : Cathodic Protection Consultant , IT service , E&I Service and Product Development.

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| <ul style="list-style-type: none">• Consulting Technical Director• Business Development• Cathodic Protection Consultancy• IT services• E&I Equipment Service Consultant• Maintenance Data Analysis & Recommendations.• Product Development. | <ul style="list-style-type: none">➤ Consultant Technical Director at Technopano for Business Development , IT services and product development , Project conceptualization and scheduling , Technical Team management .➤ Providing Technical support on Cathodic protection design and data review for different companies like J&A Associates India , Almeer Technical Services , Kuwait Steel Company on requirement basis.➤ Prepared and Submitted Technical study report Fire water networks for Kuwait Steel Co. and Provided SACP design and Recommendation for corrective measures.➤ Prepared budgetary estimate and BOQ for Cathodic Protection system implementation for Almeer Technical Services Company for one of their upcoming projects.➤ Extending Technical support for PLC programming and E&I Equipment trouble shooting in Reliance Ports and Terminals Ltd➤ Developed microprocessor based remote controller for automatic irrigation cum remote controller for garden irrigation and humidity control based on soil moisture and environmental moisture.➤ Working on development of low cost home /farm automation gadgets. |
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Dong Yang Corrosion Engineering Company, Kuwait as Senior Engineering Professional July' 2017 – July 2020

Type : Engineering , Construction and Consultancy

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| <ul style="list-style-type: none">• Project Management• Business Development• Tendering , Bidding & Contracting• Engineering Design• Maintenance• Corrosion Management.• Technical Audits | <ul style="list-style-type: none">➤ Key role player in business development and growth by adapting to relevant strategies in a highly competitive and varying market and was successful in increasing the business growth by 10%.➤ Market Analysis ,Forecasting Bidding, Tendering , Contracting➤ Successfully completed KOC Oil well casing CP project worth US\$ 5.3 M in stipulated time shouldering the responsibility of a planning manager..➤ Analyze project status reports / monthly IT MIS for LOBs aimed at effectively resolving day-to-day issues.➤ Design & Engineering of Cathodic Protection for KOC water management project worth US\$ 1M➤ Equipment Maintenance & Testing –CP Equipments, Electrical Systems, Remote Monitoring systems.➤ Review & Analysis of reports – CP surveys, Equipment testing,➤ Identifying and imparting training requirement➤ Workplace Safety Management. , Compliance statutory and industrial regulations /Standards. |
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Almeer Technical Services Company, Kuwait as Project Manager /Engineer Type : Engineering & Construction		May' 2013 -Apr 2017
<ul style="list-style-type: none"> Project Management Business Development Reliability & Maintenance Engineering Design Corrosion Management. Technical & safety Audits 	<ul style="list-style-type: none"> Managed Cathodic Protection and E&I Project for Equate Petrochemicals worth US\$ 2 M comprising Plant Piping, Tanks and offshore platforms and related E&I equipments of cathodic protection systems , Electrical Substations and automation systems. Introduced strategic maintenance practices to reduce the down type and increasing the reliability of the system optimizing the cost effectiveness. Played key role in addressing client requirements and identifying the business opportunities in converting the same to SLA. / Short-term projects worth US\$ 0.25 M adding Undertaken Design ,Engineering & maintenance of CP, E&I and automation systems Review & Analysis of reports – CP surveys, Equipment testing, Identifying and imparting training requirement Workplace Safety Management. , Compliance statutory and industrial regulations /Standards. 	
Reliance Ports & Terminals Ltd, Bharuch – India as Senior Manager (Functional Head) Type : Oil & Gas / Petrochemical (Plants and Pipelines)		Sept ' 1998 – Apr' 2013
<ul style="list-style-type: none"> Functional Head Operation &Maintenance -Hydrocarbon Pipelines - Plants (EPRU ,OSBL) Reliability Engineering Integrity & Asset Management Project Management Resource Management. Engineering Design Engineering Design Operation & Maintenance of Electrical ,Instrumentation, Telecom , SCADA and CP systems. Corrosion Management Inline Inspection of Pipelines Process safety & Risk Management. Safety Instrumented Systems. Technical & Safety Audit 	<ul style="list-style-type: none"> Functional Head for the Operation and Maintenance of 500 Km of hydrocarbon pipeline network & associated infrastructures, EPRU and OSBL terminals executed under BOOT for transportation of hydrocarbon liquid and gas by custody transfer metering. Engineer Incharge for HDPL pipeline SCADA Telecom and associated Power system project for HDPL pipelines worth US\$ 1.3 M. Managed and executed Upgradation project for SCADA and Telecom worth US\$ 0.5 M Implemented CAPEX projects of RIL Group Companies-FEL FEED & FDS review / approval and synchronization of project activities Managed and reviewed CIPL DCVG survey project for Pipelines Manage and reviewed Pigging operations and Inline Inspection project of Pipelines . Shouldered the responsibility of chief emergency controller in ERCP group ,vice chairman of work place safety management team and prominent member in technical review committee Created and Managed R&M budget on yearly basis and optimized the budget in achieving a cost saving to a tune of 5 -10%. Successful Technocrat in updating and Managing diverse fields of Instrumentation, Electrical, IT, Telecom, SCADA, Mechanical and cathodic protection system. Successful in ensuring the Reliability and Integrity of the aforesaid pipeline networks and associated system by undertaking appropriate TBM , CBM and RCM strategies in compliance with the international standards and statutory regulations. Standardized maintenance procedures by implementing SOP and SMPs in SAP PM Modules. Active participation in PHA and HAZOP studies for Shell gas interconnection project. Design, Installation Commissioning of Electrical system –Substations,Switchyard, MCC, PCC ,UPS HVAC system of Terminal stations. Successfully implemented SIF and SIS for safe sectionalized shutdown /ESD of pipeline based on leak detection application software outputs. Implemented automated startup and shutdown for Naphtha booster pumps and associated MOVs with status indication and control on SCADA. Successfully integrated the well head data of ONGC in DGB SCADA in Gandhar end . Developed runtime VB based Real time Leak detection software for Ethylene and Naphtha pipelines based on PQ and QP modeling. 	
New Royal Electronics, Baroda – India as Service Engineer Type : Computer Hardware , Networking , IT		Mar ' 1998 – Aug' 1998
<ul style="list-style-type: none"> Customer Support Repair Developing Networking Software 	<ul style="list-style-type: none"> Served as hardware/software support engineer for diverse clientele –Compaq , L&T , Torrent Pharmaceuticals, Punjab National Bank. Expert level in networking , Component level maintenance Remote Server management support. PLC programming, Microcontroller programming, L2 & L3 switch management. 	
Madhusudan Ceramic Indus. Ltd. Baroda – India as Electronics Engineer Automation Type : Ceramic Tile Manufacturing Plant (Fully Automatic)		Apr ' 1997 – Feb' 1998
<ul style="list-style-type: none"> E&I and Automation Systems of plant Reliability and Maintenance PLC programming IT systems 	<ul style="list-style-type: none"> Responsible and accountable for reliable operation and maintenance of automation and IT system of fully automated plant comprising PLC and microprocessor controlled – Material handling systems , Hydraulic Press , Kilns, Automated loading and unloading systems , Sorting & Packing systems. Implementation of scheduled and proactive maintenance Successful as a solution provider in reducing the plant down time Reliability Engineering ,Root cause analysis of failures and Management of changes PLC programming of Omron and Siemens PLCs Designed Compensators to carter the congestions in glazing line. 	

- E&I and Automation Systems of plant
- Reliability & Maintenance.
- Power Electronics

- Responsible charge of complete reliable operation of the roller Electrical & Electronics systems of the polythene film printing factory comprising thyristorized drive for calendaring and automated printing.
- Implementation of scheduled and proactive maintenance
- Successful as a solution provider in reducing the plant down time
- Success fully automated film cutting operation.
- Component level maintenance of power and control circuits

Personal Details

D.O.B : 6th April 1973
Nationality : Indian
Passport No : P6322633 valid till 2026
Current Location : India

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Thoppil (House) , Nairkuzhi P.O.
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India.