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| **RESUME OF** **KRISHNAKUMAR**Email : krishnakumar.378691@2freemail.com Contact # UAE : C/o 0501685421 |
| **POSITION : CIVIL / STRUCTURAL ENGINEER** |  |
| DOB :17 JAN 1991 | NATIONALITY : INDIAN |
| **EDUCATION, SOFTWARES& TRAININGS** |
| **EDUCATION** | M.TECH - STRUCTURAL ENGINEERING -SASTRA UNIVERSITY, INDIAB.E - CIVIL ENGINEERING - SAIRAM ENGG. COLLEGE,INDIA |
| **SOFTWARES** | * AUTOCAD 2011
* STAAD Pro V8i
* MS OFFICE PACKAGES
* PRIMAVERA
* REVIT
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| **CODES/STANDARDS** | * INTERNATIONAL BUILDING CODE (IBC)
* BRITISH STANDARDS BS-8110-STRUCTURAL USE OF CONCRETE
* BS-5950-STRUCTURAL USE OF STEEL IN BUILDINGS
* ASCE, ASTM,IS-456
* SAUDI ARAMCO BUILDING CODES
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| **SPECILIZED TRANINGS** | * CSIR- Structural Engineering Research Centre, Chennai India
* TK Toll Road Private Limited (Reliance Group)
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| **SYNOPSIS OF PROFESSIONAL WORK EXPERIENCE****Five Years** of Experience in the field of Design, construction, Estimation& Project Co-ordination in Refinery plant buildings, Ware houses, Oil and gas plants. |
| **WORK EXPERIENCE** |
| **DURATION** | **COMPANY** | **PROJECT DETAILS** |
| OCT 2015 to NOV 2017 | National Contracting Co.ltd (Rezayat), KSA | **Project : Rabigh Utilities and Offsite Package (UOSP)-Petrochemical Plant, Petro Rabigh, KSA**Main Contractor : SNAMPROGETTI (SAIPEM)Owner : Saudi Aramco**Project : Khurais Central Processing Plant (CPF), Khurais Al-Riyadh, KSA**Main Contractor : SNAMPROGETTI (SAIPEM)Owner : Petro Rabigh/Saudi Aramco |
| JUN 2014 TO AUG 2015 | P-SPAN Construction Technologies Pvt Ltd., India | **Various Projects includes Residential,commercial, Bridges etc.****Major Projects:** * Shiva Textiles- Tirupur, India - Post tensioning, Slabs and Beams
* Chennai Silks - Thirunelveli, India- Post tensioning, Slabs and Beams
* SS Towers - Trichy - Flat Slabs
* BSNL - Transmission Tower Foundations
* VV-Marriage Hall - Erode, India - PT Beams
* SathyaLakshmi Heights, Trichy, India - PT Slabs
* Prist University Hospital- Chennai, India - PT Slabs
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| JUN 2012 TO JULY 2014 | STUDIO XYZ, India | **Projects : Residential, Commercial Complex*** Mangal & Mangal Residence
* PWD - DAM Construction, Thirunelveli, India
* Arcadia Apartment, Trichy, India
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| JOB DESCRIPTION / RESPONSIBLITIES | **CONSTRUCTION :*** Attend Kick off meeting with client/Main Contractor
* Review of project drawings and specifications
* Regular follow-up for the Material Approval Request (MAR) from Client to process for the procurement
* Coordination of shop drawings and site technicalities between the different engineering disciplines, the client and sub-contractors.
* Coordinating with Main Contractor/Client to get the documents approved
* Review and approval for the Sub contractor Method of Construction/Statement, Job safety analysis
* Production of Shop drawings in AUTOCAD (2D) to client for the approval
* Monitor all civil activities as per the Project requirements
* Monitoring all the works as per the SAUDI ARAMCO Standards
* Perform or oversee soil testing to determine the adequacy and strength of foundations
* Follow-up with Project Engineers, Managers, Design department for drawings
* Instituting progress meeting, construction schedules, weekly reports, monthly reports for the manpower and work done
* Issue Nonconformity Reports (NCRs) in the event of the non-conforming activities done by the contractor, and recommend approval of corrective action, monitor site implementation and close out.
* Coordination with Contractor for Carrying out inspections (Hold & Witness Point), trial mix of batching plant, fresh concrete testing, hardened concrete testing and sampling of concrete ingredients from batching plant.
* Raise Corrective Action Requests (CARs) and Preventive Action Requests (PARs) when required and ensured follow up and close out.
* Monitoring of budgeted cost Vs Actual cost
* Bill approving Authority for the Sub contractors
* Contributes to team effort by accomplishing related results as needed.
* Preparing Engineering documents with the use of construction specification (as per the SAUDI ARAMCO Standards), plans and schedules
* Coordination with quality dept. to raise RFI's to client

**DESIGN/ESTIMATION & COSTING :*** Engineering Design supervision, contract review, technical document checking, design basis, quantity estimation, man-hour estimation, technical deliverable list generation for EPC proposals and projects.
* Work with geotechnical engineers to investigate ground conditions and analyze results of soil sample and in-situ tests
* Preparing reports, designs and drawings
* Consider the strength of various materials, e.g. timber, concrete, steel and brick, to see how their inclusion may necessitate a change of structural design
* Selecting appropriate construction materials as per the requirements
* Analysis of structures using STAAD Pro V8i
* Calculate the pressures, stresses and strains that each component
* Preparing all necessary connection design calculations using spread sheets/hand calculation
* Prepare of general arrangement design drawings and fabrication drawing using AUTO CAD.
* Assessing the tender documents
* Estimation labor man hour, material, equipment and subcontractor requirements of individual task based on work standards
* Preparation of estimation and BOQ for the drawings of tender documents
* Studying Engineering drawings and technical specifications correspondences
* Preparing BOQs, Tecno-Commericial, Method of statement etc.,
* Contracting Personnel with bid analysis and contract negotiations.
* Review of Contract documents
* Attending Client meetings, Sub-Contractor meeting as per the requirement
* Post Tender Clarifications to clients
* Analyze survey reports, maps, and other data to estimate the projects
* Review of SBC of soil through client documents
* Consider construction costs, government regulations, potential environmental hazards, and other factors in planning stages and risk analysis
* Provide cost estimates for materials, equipment, or labor to determine a project’s economic feasibility
* Assist project management and contracting personnel with bid analysis and contract negotiations
* Coordinate with teammates on company estimating methods and preparation directions.
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