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| **RESUME OF**  **KRISHNAKUMAR**  Email : [krishnakumar.378691@2freemail.com](mailto: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, INDIA  B.E - CIVIL ENGINEERING - SAIRAM ENGG. COLLEGE,INDIA | | |
| **SOFTWARES** | | * AUTOCAD 2011 * STAAD Pro V8i * MS OFFICE PACKAGES * PRIMAVERA * REVIT | | |
| **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 | | |
| **SPECILIZED TRANINGS** | | * CSIR- Structural Engineering Research Centre, Chennai India * TK Toll Road Private Limited (Reliance Group) | | |
| **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 | |
| JUN 2012 TO JULY 2014 | STUDIO XYZ, India | | **Projects : Residential, Commercial Complex**   * Mangal & Mangal Residence * PWD - DAM Construction, Thirunelveli, India * Arcadia Apartment, Trichy, India | |
| 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. | | | |