

**RESUME OF S.SELVAKUMAR**

[**https://www.linkedin.com/in/sivamani-selvakumar-5a843338**](https://www.linkedin.com/in/sivamani-selvakumar-5a843338)

**Mail id: ssivam2@gmail.com**

**Mobile: +91 9841313912**

**Engineering Manager / Civil & Structural Engineer / Project Manager having more than 16+ years of experience in the field of Industrial, Infrastructure, Energy Sector and Material Handling projects, working with large varieties of Challenging Projects both in RCC & Steel (Including Pre-engineered Building).**



**Proposed position**

Any Senior Position – Civil / Structural

**Present position**

Senior Structural Engineer – J Ray McDermott, Chennai

**Personal data**

Last name Sivamani

First name Selvakumar

Birth Date & Year June 2nd 1977

Nationality Indian

With SUNRAY since July 2018

**Experience In Brief**

A result oriented, dynamic and astute professional with more than Fifteen (16) years’ experience in Coordination, design, construction, execution with involves with various Vendors in inviting tenders & analysing quotes for construction. Involved in Analysis, design & detail of onshore structures, which includes industrial, commercial and residential segments.

Brief experience in fixed offshore structures for topside structures in offshore. Guide and Lead a team of engineers in execution of industrial, residential & oil & gas sector

Coordination with PMC (project management consultancies) for engineering & construction. Involving various vendors in design and execution.

Recent experience includes IFF factory PEB Re modification and further approval from Prof. Sathish Kumar, IIT, Chennai. Saint Gobain Gypsum Crusher Steel Structural Platform Design, and Coordination with MRF industries Factory at Dahej, Gujarat. Proposals & Estimation of Man-hours involving site visits for Hindustan Zinc Limited, Udaipur and Reckitt & Benckiser Unit at Uttarakhand.

Familiar with the Codes & Standards of Indian (IS), British (BS), European (EC) & American (ACI).

Conversant in API-RP2A code for fixed offshore structures and software’s like ETABS, STAAD Pro, SACS for Offshore, MIDAS & SAFE.

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**Core Competency:** Guide and lead a team of engineers on various projects from FEED (Front End EngineeringDesign) to Detailed Design engineering stage involved in various bids and Tender Proposals. Involved, Associated and Lead projects of the following:

* FMCG Products
* Oil & Gas onshore structures – Qatar Gas project onshore Pipe lines
* Foundation System for 36m silos.
* Beverage Industries, Plaster board Factories, Steel Plant Junction towers
* Residential Buildings & Multi Storied Buildings

**Professional experience**

Dec. 2019 – Till Date **J Ray McDermott, Chennai**

Senior Structural Engineer

**Projects Involved:**

1. Marjan – Package 1 For Saudi Aramco as a CSE (Construction Support service) Co-ordinator with Kualalumpur, Chennai & Dubai Team, also worked for Installation of Bridge Bumper & Guides – Design Report)

Jul. 2018 – Nov. 2019 **SUNRAY Engineering & Technologies**

Engineering Manager, Design & Engineering

**Projects Involved:**

 1. 2.5 Crore Expansion Facility of Industrial Structure at IFF, Chennai -Completed

 2. 15 crore Industrial Expansion for Kostal at Ranipet –Construction over in As-built

1. 1 crore LAB Extension at BOSH, Sriperumbudur – Construction Over
2. 1.75 Crore Villa at Bengaluru – Construction

Feb. 2018 – June 2018 **L&T Technology Services - BARODA**

Consultant

**Projects Involved:**

1. Proposals & Man-hours for Various Projects involves site visits.
2. Site Visits to Udaipur, Rajasthan for Hindustan Zinc Limited
3. MRF Limited, Dahej, Gujarat for a brief period.
4. L’oreal, HZL, Exxon Mobil, MOL Proposals

April 2016 – Feb. 2018 **Mott MacDonald**

Assistant Project Manager

**Projects Involved:**

1. MRF Ltd., Trichy Plant Expansion.
2. PPS Warehouse in Dubai
3. LTA Singapore Design Coordination of Tunnel
4. Hong Kong Tender submission for a Students Hostel

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Feb 2015 – Mar 2016 **Tebodin Consultants & Engineers India Pvt. Ltd**

*Dept. Manager / Senior Lead Structural Engineer – Civil / Structures*

**Projects Involved:**

1. 600 BPM Production Plant for HCCBPL (Coco-Cola).
2. Gypsum Board Manufacturing Plant for Saint Gobain.

**Job Responsibilities:**

1. Guide & Lead a Team of Engineers in meeting the schedule in the 600 BPM plant design and completed the Tender package earlier than planned.
2. Co-ordinated with electrical, mechanical, HVAC disciplines in completing the beverage plant design.
3. Preparation of Design basis report & PEB tender Specification document for 600 BPM & Saint Gobain (Gypsum Board Manufacturing Plant).
4. Preparation of Basic & Detailed engineering drawings for tender & execution works for structural & civil Gypsum Board manufacturing plant and Beverage plant and checking of ETABS model in Mill Building in Gyproc.
5. Preparation of final budget / estimation for civil structural part.

Dec 2012 – Feb 2015 **Ramboll Oil & Gas, Chennai**

*Senior Design Engineer – Civil / Structural*

**Projects Involved:**

1. Topside platform Re-analysis, Al-shaheen offshore field, Qatar.
2. South Arne Platform in North Sea, Well Head Platform, Denmark.
3. Strength assessment of Glass reinforced Epoxy (GRE) pipe support in offshore platform in Qatar.
4. Weight Report for Al-shaheen oil field, Qatar.
5. ADCO Onshore up gradation of oil well solar panels and its foundation.

**Job Responsibilities:**

1. Wellhead Platform Topside Re-Analysis in SACS software.
2. South Arne Platform in North Sea Re-Analysis of Topsides.
3. Lead a Team of Engineers on Strength Re-Assessment of pipe supports within the time scheduled.
4. Lead a team of engineers on weight report on various platforms on Al-shaheen oil field within the scheduled time with Quality Checks.
5. Proposal preparation, scope statement and man-hours estimation.
6. Skid support for oil treatment plants like slop oil treated skid, gas scrubber skid, electrostatic heater treated skids and its analysis on lifting, transportation and operation.

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**Professional experience**

Sep 2006 – Nov 2012 **Larsen & Toubro, Chennai**

*Assistant Engineering Manager – Civil / Structural*

**Projects Involved:**

1. Steel Plant at Jamshedpur, TATA
2. Steel Plant at Meramamdali, Orissa
3. Temple Building, Mile End, United Kingdom
4. Foundation Design for Steel Silos, YEMEN
5. Sidra medical & Research center, Doha, Qatar.

**Job Responsibilities:**

1. Modeling, Analysis and design of Junction houses and Trusses.
2. Modeling of Various Dome structures in STAAD for temple structure.
3. Lead a Team of Engineers on industrial structures and co-ordinated with clients in various levels to complete as per schedule and quality of jobs.
4. Foundation design of 36m steel silos at Yemen Aden.
5. Multi storied building of Hospital from modeling in ETABS till producing drawings. Involved in both stages from Design stage till detailing and construction stage.

Jul 2005 – Aug 2006 **SAAD Trading Co, Saudi Arabia**

*Structural Engineer – Civil / Structural*

**Projects Involved:**

1. SAAD Hospital, Al-Khobar, Saudi Arabia
2. SAAD Oasis Resort, Al-Khobar, Saudi Arabia.

**Job Responsibilities:**

1. Modeling, Analysis and design of various RC buildings.

Jun 2004 – Jun 2005 **CDM Smith, Chennai**

*Engineer – Civil / Structural*

**Projects Involved:**

1. Electrical Substation Buildings & Transformer Foundations
2. Water Treatment Plants.

**Job Responsibilities:**

1. Design of Foundations

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**Education**

2017 - 2020 M.Tech (Structures) in SRM Engineering College

2001 - 2004 B.E. Civil Engineering in Anna University, Chennai

2015 Ultimate Analysis on Offshore Structure - IIT (Indian Institute of Technology) Chennai

Registered Chartered Engineer In Institute of Engineers, Kolkata

1992 - 1995 Diploma In Civil Engineering

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| --- | --- | --- |
| **Address For Communication** | Plot No. 288, A Block, Lanway, F2, 1st Floor, Patel Street, Ramakrishna Nagar, Alwarthirunagar, Chennai – 600087. Tamil Nadu, India |  |
|  |  |  |
| **Languages Known** |  Read |  Write |  Speak |
| **English** | 1 |  1 | 1 |
| **Tamil****(Mother Tongue)** |  1 | 1 | 1 |
|  |  |  |  |

***Scale:*** *1. Good | 2. Working*

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