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Pass port No: Z3692557. D.O.B. – 16<sup>th</sup> APRIL 1992

## RAJESH K R

### OBJECTIVE

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- To attain a good position in a renowned company as an Estimation engineer where I will be able to enhance my skills and experience.

### EDUCATION

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**B.E. (Civil Engineering)** **2010 – 2014**

K.S.Rangasamy College of technology – Affiliated to Anna University.

CGPA 9.41/10

**Class 12** **2010**

D.B.T.R.National HSS,Mayiladuthurai– Tamil Nadu State Board.

Stream: Mathematics, Physics, Chemistry, Biology.

Percentage: 89.5%

**Class 10** **2008**

Sowrirajan High School, Thiruvilaiyattam – Tamil Nadu State Board.

Percentage: 94.2%

### TECHNICAL EXPERTISE

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- **Diploma in Building Design – PENTA CADD Centre** **3 Months**  
**Packages – STAAD Pro, Revit Architecture, Auto CAD**
  - Utilized STAAD Pro for analysis of RCC structures of my academic project.
  - Did some sample projects using Revit for the exterior and interior design purpose.
  - Also used AutoCAD for drafting purpose in my academic project and also for several other works.

### WORK EXPERIENCE

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- **Senior Engineer - Quantity Surveying Sobha Ltd, India** **Nov '15 - Till**  
**Sobha Lifestyle II Legacy 16 Villas - Bangalore, India:**
  - Estimated quantity take off for detailed estimate of Presidential apartment project 2 floors each (Total of 10,000 Sqft) within schedule period which resulted in early purchase of materials to avoid rate fluctuation impacts.  
**Sobha Winchester 4 Blocks – 3B G + 19 floor Chennai:**
  - Produced detailed estimate for Mock Up project (Total of 3,529.75Sqft).
  - Processing required materials for project through **ERP** according to its execution stage **every fortnight to reduce over consumption** of materials apart from the allowable wastage.

**Sobha Silicon Oasis – 11 Blocks, Bangalore, India:**

- Coordinated in detailed estimate for residential project - 3 Basements + G + 21 Floors (Total of 1,00,908.35 Sqft) in a short span reducing 25% of schedule time.
- Maintaining Coordination with the relying departments (Costing and Design) to freeze quantity take off and rate analysis within the target.

▪ **Trainee Engineer - Estimation, Sobha Ltd, India**

**Sep '22 - Nov '15**

**Sobha Silicon Oasis– 19 Row houses ,Bangalore, India:**

- Coordinated in detailed estimate for residential project (Total of 7,459 Sqft)in a short span reducing 25% of schedule time.

**Seetharaman Villa – Presidential Villas, Chennai, India:**

- Prepared Detailed Estimation for a Newly Designed Presidential Villa of G+ 4 Floors and also Prepared a Detailed Estimation for Renovation of an Existing G+4 Building With European Architectural Design and determine the cost Impact of Both.

## **RESPONSIBILITIES**

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- To study the drawings and prepare Internal Budget.
- Preparation of rate analysis as per Company policies.
- Planning of resources and material for project every fortnight and then tracking the progress accordingly.
- Analyzing over allocation of resources and man power and correcting it accordingly.
- Analyzing the requirements of the project and preparing the estimations on material and labor accordingly.
- Preparing reconciliation of materials and labor against activities.
- Processing Materials and Labor bills at regular interval through ERP based on the activity.
- Analyzing Product and Labor consumption for each activity and find out the coefficients.

## **PROJECTS**

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- **Academic Project: Planning, Analysis, Design and Estimation of a Multistory Building in Expansive soil (JAN 2014 – APR 2014)**
  - Analyzed a RC building using STAAD Pro and also by manual analysis for the purpose of load acting on each column.
  - Expansive soils properties are determined by suitable laboratory experiments and footing is designed(PILE) manually.

- **Mini Project: Planning, Analysis and Design of a Residential Building (AUG 2013 – OCT 2013)**
  - Plan of the building was made based on the provisions provided in NBC.
  - Analysis was done using both STAAD Pro as well as manual analysis methods.
  - The structural elements are designed manually as per IS 456: 2000.

## **TRAININGS UNDERGONE**

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- **In-Plant Training – R.R.Thulasi Builders,** **10 Days**
  - Undergone training in an (g+5) building from the early stage of work at Erode.
  - I've gained field experience in effective use of man power, design of RCC structures, durable concreting methods and bar bending schedules.
- **Workshop –IIT, Madras Campus** **1 Day**

**Topic:** Durability and Long term performance of Concrete.

  - Learnt the basic factors affecting the durability of concrete structures.
  - Remedial measures for improving the durability of concrete structures.
- NIT, Trichy Campus**

**Topic:** Reliability analysis and design of substructures **2 Days**

  - Analysis of structure using Reliability method by using the probability studies.
- Anna University, CEG Campus** **1 Day**

**Topic:** Pre – Stressed Concrete.

  - Learnt the basic principles of pre-stressing along with their practical usages.
  - Attended a live demo of pre-stressing of beam.

## **LANGUAGE SKILLS**

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- Tamil (Proficient),
- English (Proficient),
- Hindi (Speak),
- Kannada (Speak).

## **EXTRA CURRICULAR ACTIVITIES**

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- Active member of the Indian Standard for Technical Education (ISTE).
- Served as “The Bharat Scout & Guides” volunteer in school level.

## **INTERESTS.**

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- I'm an avid reader and had read about 20+ novels so far and also took an initiative to pen down a novel.

References will be provided on request

**Date :**

**Place :** Bangalore

(RAJESH K R)