

S.MADHANKUMAR:

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Accomplishment:

- Software/Computer Proficiency Ms office, Auto cad ,Staad Pro., etc.
- Designed project on residential building, retrofitting and also presented various seminar on green buildings.

Professional summary

By acquiring knowledge, expertise and a familiarity with the organization's culture, I want to contribute towards realizing organization's vision and become its integral part.

Personal Information

Name:S.MADHANKUMAR **Date of Birth:**24.07.1990
Age:27 **GENDER:**Male
Father:B.Suresh **Mother:**S. Ammu
Father occupation:Driver **Mother occupation:**House wife
Younger brother:S. Gopi **Brother occupation:** corporate executive in ABT lmt.

Skills

- Clear communicator of complex ideas.
- Personable and approachable.
- Language known :Tamil , English ,Telugu and Hindi.

Education

M.E: Structural engineering

MNM Jain engineering college-thorapakkam,Chennai. **2016**

- Designed the project on "Study on flexible behavior of beam retrofitting using GFRP.
- Secured 76% with first class.
- Attended national conference and presented topic on retrofitting using GFRP.

B.E: Civil engineering

DMI engineering college-sriperbhadur,Chennai **2013**

- Secured 71% during final exam with first class.
- Presented seminar on various colleges include panimalar ,RMK engineering college etc.. Designed project on "residential building G+4
- Attended a On Site Training at THE ENGINEERS HUB with support of TN HIGHWAYS DEPARTMENT.

Higher secondary: computer science

CBHS School-Saidapet Chennai. **2009**

- Secured 78% during final examination
- Awarded certificate in NCC camp attended in tambaram
- Won prizes in running, high-jump.

SSLC: 10TH

CBHS School-Saidapet Chennai. **2007**

- Secured 77% during final examination
- Won first prizes in Drawing competition on Green buildings
- Won prizes sample model on natural hut house.

Interests

- Reading books ,playing Tennis ,Drawing and Listening to music.

Work History

Junior BIM modeler at B & W design Consultancy-chennai

03/2013 to 04/2014

During working as design engineer handle & executed following works

Project-1-Residential buildings

- Done 3d model on residential building on BIM.
- Performed drafting and design works on BIM on client need.
- Designed architectural & building details under project manager

Junior Structural Design Engineer:

06/2016 to 02/2018

Karthikeyan association project limited-Chennai

During working as design engineer handle & executed following works :

Projects Handled:

Project-1- Residential buildings

- Monitor and in charge for site activity for G+6 BUILDING
- Delivering the detail reports to project manager on day to day activity
- Care full monitoring report on reinforcement details.
- Coordinating with team members on detailing plan layout.
- Checking safety requirement, materials and work in progress for compliance with specified requirements.

Project-2:- Residential and scaffolding:

- Made rendering and walkthrough for residential buildings using Revit
- Model scaffolding and family contents for bridge structure

Structure & Bim ENGINEER:

02/2018 to 11/2018

TERN ENGINEERING AND CONSTRUCTION PVT.LMT-Chennai

During working in structural and bim modeler executed following works :

Projects Handled:

Project-1: Residential buildings

- Structural designed ,drafting and BIM modelled for G+2 BUILDING residential building in Thanjavur
- Delivering the detail reports to project manager on day to day activity
- Visited site inspection Coordinating with team members on detailing plan layout.
- Checking safety requirement, materials and work in progress for compliance with specified requirements.
- Rendering & walkthrough done for residential buildings using Revit

Project-2-Retaining wall:

- Structural design on Retaining wall of Mauritius country as per BRITISH STANDARD
- 3D Model created by using Revit for retaining wall

Project-3-Concrete and rebar Quantity estimation:

- Rebar estimation work on rc .walls and beam, column and slab estimated for L&T CONSTRUCTION, Alarab construction ,MANSOORI.....,etc (DUBAI on BS CODE SPECIFICATIONS)
- QUANTITY estimation on G+25 with swimming pool for metal estimation on balcony,stairs case,etc using BLUE Beam software.

Project-4:Project inspection

- Shop drawing on corner guard for doors on Parkson project in tamilnadu executed...
- Structural drawing inspection on ongoing coromandel project in Chennai

Project-5 :Dunstable and vgp marine kingdom:

- TEKLA and also using Revit software for DETAIL-on rebar 3d model with shop drawing and quantity estimation for UK project and

- Revit rebar for foundation and column..etc for marine scape aquarium in VGP-Chennai
- Made concrete building in Revit G+15 and successfully exported in Tekla using IFC export

Project-6:Petrofact steel project:

- Executed Moment connection shear plate, bolted, welded and automated connection using Tekla structure
- Created 3D modelling and generate 2D fabrication & erection drawing in Tekla.
- 3d concrete building with base plate connection in foundation ,anchor bolts ,steel connection also
- Bracing connection Executed using Tekla structure.

Structure ENGINEER:

Aquatherm engineering and consultant pvt ltt-Chennai

12/2018 to TILL DATE

During working has structural engineer executed following works :

Project-1 warehouse steel structure:

- warehouse building project on different steel connections

Project-2 Transmission tower:

- Transmission tower in salem .

Project-3 COOLING TOWER:

- Nutan aspect 50MW PROJECT Kolkata

Project-4 retaining wall:

- Angur udyog ltd Kolkata

Project-5 TG DECK MACHINE FOUNDATION AND CFC BOILER :

- Angur udyog ltd Kolkata

Additional information

Worked as a Team leader for Tekla Project too.

Software/Computer Proficiency

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- MS office
 - Auto CAD 2D & 3D
 - Google sketch up
 - Auto desk Revit Structure
 - Staad-Pro
 - Primavera
 - MATH CAD
 - Luminon
 - RCDC
 - E-TABB.
 - SAFE
 - Blue beam
 - Tekla structure
 - Tekla tedds
 - Tekla structural designer

Declaration

I hereby declare that the above furnished details are true to the best of my knowledge

DATE :31/08/2019

Place :Chennai-600015



(S.MADHANKUMAR)