

201 Creado Apartments,  
Juhu Church Raod,  
Juhu, Mumbai- 400049 India  
P : +91 8898080904  
E : hr6@falconmsl.com  
W : www.falconjobs.net

FALCON ID # 38958

Construction / Structural Engineer

Residential Country : India Nationality : India  
Resume Title : Rahul Shrivastava\_Senior Structural Engineer Notice Period : 30 Days

## EDUCATION

Qualification	Institute / College /university	Year	Country
B E / B Tech	Nagpur University	2002	India

## CAREER SUMMARY

Position	Employer	Country	From Month/ Year	To Month/ Year
Senior Structural Engineer	Technip Geoproduction Sdn Bhd	Malaysia	05/2013	09/2015

## ADDITIONAL CERTIFICATE AND TECHNICAL QUALIFICATION

Name Of The Course	Course Date	Valid Upto	Name Of Organisation
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Current Salary  
(Monthly In Usd): 6000

Expected Salary  
(Monthly In Usd): 7000

Additional Skills :

### PROFILE SUMMARY:

An Engineering professional working in Oil & Gas industry (Onshore & Offshore) since 2006. Onshore experience (1 year) includes detailed Analysis & Design of Pipe Racks, Pipe Supports, and Technological Structures. Offshore experience (8 years) includes Analysis of Jacket (Load-out, Transportation, Upending

and  
Floatation, In-place and Time Domain), Analysis of Single Point Mooring Systems, Crane  
Pedestals, Chain  
Locker Room, Land Rig and Jacket / FPSO Topsides.  
Also have 1 year experience in Industrial Structures (2005-2006) such as Go-down Truss & Water  
Tanks.  
Involved in development of departmental standards and provided training to graduate engineer  
trainees.

#### EDUCATIONAL QUALIFICATIONS:

- Bachelor of Civil Engineering [Passing Year 2002]  
Yeshwantrao Chavan College of Engineering, Nagpur University, INDIA
  - Master of Engineering (Structural) [Year 2003 – 2005]  
VJTI College of Engineering, Mumbai University, INDIA
- The Master's thesis is still pending to be submitted and degree not yet awarded.

#### EMPLOYMENT HISTORY:

Period Company Designation

- May 2013 – Oct 2015 Technip Geoproduction (M) Sdn Bhd (Malaysia) Senior Structural Engineer  
Mar 2012 – Mar 2013 Aibel Pte Ltd (Singapore) Senior Structural Engineer 1  
Aug 2007 – Mar 2012 Zentech Offshore & Marine Engineering (Mumbai, India) Senior Structural  
Engineer  
Jul 2006 – Aug 2007 Petrofac Engineering India Ltd (Mumbai, India) Graduate Engineer  
Jun 2005 – Jun 2006 Bhagwati Designs Pvt Ltd, (Mumbai, India) Trainee Engineer  
Aug 2002 – Jun 2003 Dighe Associates (Nagpur, India) Junior Assistant

#### PROFESSIONAL CERTIFICATION:

AUTOCAD 2D & 3D – AUTODESK

#### TECHNICAL PROFICIENCY:

Applications: Office Suite (Word, Excel, PowerPoint), MathCAD  
Software: STAAD PRO 2004, AUTOCAD 2D/3D, StruCAD\*3D, SACS 5.3 V8i, FEMAP  
(NASTRAN),  
USFOS (SEASAM), Genie (SEASAM – Introductory Course)  
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#### CODES REFERRED:

Norsok codes N001, N003, and N004. DNV-RP-C201, C204, Eurocodes; EN-1993-1-1:2008, EN-  
1993-1-5,  
EN-1993-1-8, AISC, DNV, UBC, ABS, API, BS5950, BS8110, IS 456, IS 800, IS 1893, IS 13920.

#### EMPLOYMENT DETAILS:

COMPANY : TECHNIP GEOPRODUCTION (M) SDN BHD, MALAYSIA (May 2013 – Oct 2015)

Designation : Senior Structural Engineer

1. Project : LIBRA FPSO

Module : Gas Reinjection Module "M01" and Flare module "F01"

- In place Analysis (Operating, Extreme, Damage)
  - Transit Analysis
  - Lift Analysis
  - Blast Analysis
  - Fatigue Analysis (Module M01)
  - VIV Check /Secondary / Miscellaneous Structures' Analysis
  - Finalization of Structural Drawings (both Primary & Secondary)
2. Project : KASAWARI FIELD DEVELOPMENT (FEED)

Module : Flare Platform (Jacket, Topside & Flare Boom)

- In place Analysis (Operating, Extreme)
- Lift Analysis
- VIV Check
- Finalization of Structural Drawings & MTO for FEED

3. Project : PETRONAS FLOATING LNG (PFLNG)

Module : HP Compression (Train A/B) – Topside Module “1104 & 1106”

- In place Analysis (Operating, Extreme, Damage)
- Transit Condition Analysis
- Lift Analysis / Load-out Analysis
- Blast Analysis
- VIV Check
- Fatigue Analysis
- Dropped Object Analysis
- Secondary / Miscellaneous Structures’ Analysis
- Finalization of Structural Drawings (both Primary & Secondary)

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Module : Flare Tower “Module 1410”

- In place Analysis (Operating, Extreme, Damage)
- Transit Condition Analysis
- Lift Analysis / Load-out Analysis
- Blast Analysis
- Secondary / Miscellaneous Structures’ Analysis
- Finalization of Structural Drawings (both Primary & Secondary)

COMPANY : AIBEL PTE LTD, SINGAPORE (Mar 2012 – Mar 2013)

Designation : Senior Structural Engineer 1

1. Project : Statoil V&M (Norne FPSO)

- Explosion Analysis of skid supporting Deluge Cabinets.
- Design of Pipe Supports (Bolted Connections).
- Concept Study for upgradation of Potable Water System.
- Concept Study for venting of HC gas from storage tanks.

2. Project : Statoil V&M (Veslefrikk B)

- Definition Study for supporting Multiphase Flow meter.

COMPANY : ZENTECH OFFSHORE & MARINE ENGG PVT LTD (Aug 2007 – Mar 2012)

Designation : Senior Structural Engineer

1. Project : Al Khafji Joint Operations (KJO)

Damage Repair Study for Jacket Platform TS-03 (Tripod: Water Depth 90ft)

2. Project : Savia peru

Three Jackets, namely, Caral, Chan Chan & Santa Rosa

- In place Analysis (Operating, Extreme)
- Loadout / Lift Analysis
- Transportation Analysis
- Upending & Floatation Analysis
- Time Domain Analysis (USFOS)
- VIV Check

3. Project : SS Chesapeake SALM 360 (Interocean American Shipping)

- Analysis of Gravity base Single Point Mooring System
- Analysis of Mooring Buoy using Finite Element Analysis (software used FEMAP, NASTRAN)

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4. Project : Noble Homer Ferrington (Semi Submersible)

- Modification of Chain Locker Room

5. Project : Parker Drilling Company (AADU 272, 750 kip Modular Land Rig)

- Analysis & Design of Land Rig with three modules( Utility, Mud & Drilling module)

6. Project : Pride International

- Design of Crane Pedestal using Finite Element Analysis

7. Project : Pride South Pacific (Semisubmersible)

- Minimum scantling check of existing semisubmersible for increased water depth

8. Project : Marlin Offshore International limited (Transportation Barge)

- Analysis & Design of Upgradation of Poop Deck on Barge

COMPANY : PETROFAC ENGINEERING INDIA LTD (Jul 2006 – Aug 2007)

Designation : Graduate Engineer

1. Client : Kuwait Oil Company

- Analysis & Design of Technological Structure.

- Pipe Supports for “Facility for Upgradation and Relocation of underground and piping for Gathering Centre 3, 4 & 6”.

- Inspection Platforms (Grade & Vessel Mounted) for Vertical and Horizontal Vessels

- Pipe Racks (up to 72 m length).

- Foundation Design for Vertical Vessels.

COMPANY : BHAGWATI DESIGNS PVT LTD (Jun 2005 – Jun 2006)

Designation : Trainee Engineer

- Design of Godown Truss – Raymond’s Kolhapur

- Seismic Design of Overhead Tank (10 lakh Liters)

COMPANY : DIGHE ASSOCIATES (Aug 2002 – Jun 2003)

Designation : Trainee Engineer

- Preparation of Housing Layout Drawings in AutoCAD

- Preparation of RCC drawings

- Housing Sales Management