

## RESUME

**R.RANJITHKUMAR**

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### Present Position

Piping Designer

### Personal Data

Last name	Ramanathan
First name	Ranjithkumar
Year of birth	31.01.1994
Nationality	Indian

### Education

Year-2013                      DIPLOMA in **Mechanical Engineering** with first class  
at **Sri Sairam polytechnic college, Chennai.**

### Career Summary

**Total years of Experience: 8 Years.**

Experience in executing Piping **FEED** and **Detail engineering** design activities of **Greenfield** and **Brownfield** projects through all the phases of project. Which involves,

### Key Qualifications

- Proficient in preparation of P&ID red-line markup at site (offshore) and delivering as final As-built drawings as per client requirements.
- Preparation of As-Built drawings as per site modification works.
- Detailed engineering piping design / Layout activities in preparation of General Arrangement & Layouts, Overall Plot Plan, Piping Key Plans and Equipment Layout etc.
- Skilled in Piping, Equipment and support modeling using **3D Software's**.
- Development of Plot plan, Equipment layout , piping layout , MTO Etc.
- Site Surveys to Onshore & Offshore installations for Data collection.
- Preparation of Isometric drawings based on P&ID's, Piping GA drawings & Project Piping Specification as per International Standards codes like ASME B31.1 & B31.3.
- Preparation of Piping Section and primary Pipe support details
- Piping Design, Equipment & Isometric Draft done in Autocad.
- Preparation of Piping Xref based of Topo Survey details. Familiar in preparing Piping Xref's.
- Have good knowledge about the pipes, piping components, Valves, supports etc.
- Good communication and organizational skills.

### Site Experience (Onshore & offshore)

- Proficient in preparation of P&ID red-line markup at site and delivering as final As-built drawings as per client requirements.
- Verifying and preparation of As built drawing as per actual site condition.
- Red line mark-up Verification final QA/QC at site.
- Visiting site for data collection and survey of existing piping system for new project & modification and preparation of Tie-in schedules, tie-in isometrics and tie-in packages.
- Mostly Site survey of existing piping system and finding suitable location for new modification proposal's equipment's and piping.
- Preparation of Fabrication and Installation Isometric's drawings.

### Computer Skill

#### **Software's –**

- Everything 3D (E3D)
- Plant Design Management System (PDMS)
- Smart Plant 3D (SP3D)
- Auto Plant 3D
- Plant Design System (PDS)
- MicroStation V7
- Auto CAD

#### **Office Tools –**

- Ms-Excel,
- Ms-Word,
- Ms-PowerPoint.

#### **Soft Skills**

- Good communication skills.
- Good leadership skills.

### Professional Experience

2019 May to Till Date

**Bilfinger Tebodin Middle East Ltd.,**  
Piping Designer

- **Project : PDMS/E3D** Modelling Works for Replacement of HV Switchgear at PGP,ZWAP & GGII at ZWSC  
Client & Location: **ADNOC OFFSHORE**
- **Project: SP3D** Modelling Works for As Built Of 3d Intelligent Model for Uzcc&Satellites-ZADCO  
Client: **ADNOC OFFSHORE**

- **Project :** Western Fuel Farm & Midfield Fuel Farm Expansion Works  
Client & Location: **EPC For Hamad International Airport Expansion project, Qatar**
- Project: EPC For Tie-in work at south east –Package C  
Client: **ADNOC ONSHORE**
- Project: mubarraz black start diesel engine generators  
Client: **ADOC Ltd**
- Project: Secondment for As-Built project  
Client: **ENOC Processing Company LLC (Oil Refinery)**  
ESR – 00670 - Feed Surge Drums at Plant-02 & 12  
ESR – 00739 - Improve ESD Level Instrumentation  
ESR – 00704 - Provision of Control Valve for Plant 20

2018 to 2019

**PETRO6 ENGINEERING & CONSTRUCTION PVT LTD., Chennai, India.**

Piping Designer

- Mangala Well Pad Local Separation, India.

2017 to 2018

**PROU INDIA ENGINEERING PVT LTD., Chennai, India.**

Piping Designer

- Hydrogen Peroxide (H<sub>2</sub>O<sub>2</sub>) As built Project. India
- Pottasium Chloride Plant, Oman.
- Oleoresins Extraction Project

2013 to 2017

**ARK ENGINEERING & POWER CONSULTANTS PVT. LTD., India.**

Piping Designer

- 1X100MW Gas based combined cycle power plant, Tripura
- Saint Gobain India Pvt. Ltd-Gyproc (1\*3 MW Co-Gen Thermal Power Plant).
- Mangalam Timber Products Ltd., Nabarangapur (1\*3 MW Co-Gen Thermal Power Plant).
- S.A Iron Alloys P Ltd. (1\*8 MW Captive Power Plant).
- Bhawati Sponge Private Limited (1\*12 MW Captive Power Plant).
- Ganga Pulp & Papers Pvt. Ltd., Varanasi (1\*3.5 MW Co-Gen Power Plant).
- Shanthi Gopal Concast Private Limited (1\*12 MW Captive Power Plant).

**Languages**

	Speaking	Reading	Writing
<b>English</b>	2	2	2
<b>Tamil</b>	1	1	1
<b>Hindi</b>	3	3	3
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**Scale:** 1. mother tongue | 2. good | 3. working knowledge