

S.K.GURUCHAL

Name	Swapnil Keshav Guruchal
D.O.B	13 TH March 1986 (35 Yrs.)
Educational Qualification	B.E. Mechanical Engineer, Mumbai University
Technical Certification	Project Management, IIM Indore.
Last Company Serve	L&T Hydrocarbon, Chennai.
Last Designation	Lead Project Engineer.
Indian Driving License	MH05 20210022252.
Passport No	T6806605
Vaccination	Covishield Both Dose (No – 16356867572)
Joining	Immediate
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Professional Summary

Over 13+ years of experience as a Lead Project Engineer in Engineering & Construction at SPS (Sub-Sea Production System)/ Shipbuilding & Marine/Jetty/ FPSO (Offshore Platform)/AHTS/ VLCC/ Barges/ Tanker/ Rig & Dry-docking.

Experience Summary

Role	Organization	Tenure
Lead Project Engineer – Engineering & Pre-Commissioning	UPCEM Engineering, Chennai	1 st March 2021 – 22 nd June 2021
Sr. Project Engineer - Engineering & Construction	Sterling Oil & Gas Exploration, Nigeria	28 th Sept 2018 - 26 th June 2019
Piping Engineer	Onshore Construction LLC, Nigeria	14 th June 2016 - 16 th Aug 2018
Project Engineer	Vedam Design & Technology Centre, Nigeria	6 th December 2012 – 13 th June 2016.
Assistant Engineer – Piping	Bharati Shipyard Pvt. Ltd, Ratnagiri	1 st January 2011 – 5 th December 2012
Engineer Piping	Varsha Engineering Services, Thane	1 st June 2009 – 31 st December 2010.

Experience Details

UPCEM Engineering Ltd, Navi Mumbai, India. (March 2021 – June 2021).

Lead Project Engineering & Pre-Commissioning – L & T Hydrocarbon, Chennai, India.

- Prepare design with help of draftsman and review drawing for final B.OM. & release before final production.
- Review design & concept with client & modification as per client requirement if necessary.
- Review & checking procedure manuals before commissioning of piping system.
- Checking site pipeline as per P & ID/ PFD/ Isometric/ Support specification and procedure related to FAT & EFAT before testing/ pre-commissioning.
- Identify the mechanical issues related to design & resolve with engineering team.
- Pre-commissioning (FAT) of Gas Manifold, SDU, Oil Manifold, PLR, Suction Pile.
- Pre-commissioning of Mud mat, Skirt, Suction pile with COG, Load test & stability, COG.
- Hydro-testing of FPSO module, SURF module in the witness of Qc/ Owner/ Class/ Surveyor.
- Valve overrose test, Hydrostatic test of body, seal, Valve, PLR, Pig Loop interchangeability.
- Review of PR against PO, with quotation.
- Involve for contract agreement for sub-contractor with scope.
- Co-ordinate with purchase department for closely need on site requirement. Vendor follow up.
- Project:
 - L&T Hydrocarbon (Sub-Sea) KG-DWN-98/2, Chennai.

Sterling Oil & Gas Exploration Ltd (SEPCO), Nigeria. (Sept 2018 – June 2019).

Sr. Project Engineer - (Construction/Engineering) - Barge, VLCC, Tanker, FPSO, Power Plant.

- Making purchase orders by sending Request for Quotations, comparative study of techno commercial

offers, one to one negotiation and close the deals.

- Prepare of contract terms & clauses as per the requirement of the Purchase Order, like variable priced contracts, Annual Rate Contracts [ARC], Annual Maintenance Contracts [AMC] and Tonnage Based contract.
- Following up with vendors for timely delivery, arranging for inspections and managing logistics.
- Handled procurement of MRO [Maintenance Repair & Operations] items like mechanical spares, steel profiles, consumables etc. for ship repair & maintenance.
- Coordinated with in-house plant engineers and external vendors, so-as-to ensure procurement within budgeted costs, quality standards and time frame.
- Try to minimize project cost by analyzing the basic requirement & criteria.
- Co-ordinate the preparation of project reports by project Consultants and Contractors as necessary. Evaluate the success of the project progress against the project benchmarks.
- Giving Quarterly review progress in meeting by assisting Project Manager with C.E.O.
- Co-ordinate & negotiate with procurement of material whenever need on site.
- Preparing the P.O, Work completion certificate for ease in account.
- Asset and Marine Planner is responsible for allocating facilities, equipment & resources in support of all departments, planning for optimal performance & utilization.
- Take responsibility for Site Progress & to comply Site requirement considering Scheduled Supply Plan & Co-ordination with Customer regarding Project related issues. & Feedback.
- Follow-up & Co-ordination with sub-contractor for the execution of Project, with Procurement Department for Timely Supply of materials, Clients & Consultants regarding Engineering Activity.
- Selecting and applying the most cost-effective techniques along with proactively preventing and managing failures and their consequences.
- Maintain a record of best practices and lessons learnt to be applied to other projects, shared with Management and with other organizations as may be necessary. Prepare Management and Board papers as necessary about progress, successes, and difficulties.
- Intervention measures required. Determines project responsibilities by identifying project phases and elements and assigning the
- Coordinate internal resources and third parties/vendors for the flawless execution of projects.
- Job involves coordination effectively with consultants for Engineering, procurement and inspection and also with construction team.
- Extensive coordination will have to be done between engineering office and vendor during ordering, drawing review and issue at site.
- Planning scheduling & will have to report periodically the daily progress of project to project in charge management.

- Project:
 - Inland Oil Barge, Nigeria.
 - VLCC – Oil Carrier – TULJA, Nigeria.
 - LPG Power Plant
 - Accommodation Platform- 40 person Capacity.
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Onshore Construction Pvt. Ltd. Nigeria, (June 2016 – Aug 2018).

Piping Engineer – Dangote Fertilizer Plant.

- Preparation/ review of equipment layouts, piping GAD/isometrics, Piping supports and specifications, MTO, 3D Plant Models, Review of DCA.
- Asset and Marine Planner is responsible for allocating facilities, equipment & resources in support of all departments, planning for optimal performance & utilization.
- Co-ordination with other departments. Communication with customer/ clients & participation in technical discussions with customer
- Co-ordination with Erection and commissioning for site support. Provide the proper solution in critical situation for piping fabrication & execution team.
- Design effective, cost-efficient and innovative engineering solutions to meet client needs. Ensure to meet scheduled commitments. Identify and priorities scope specific initiatives.
- Conduct training needs assessment, design and implement training program aimed at equipping staff with appropriate job competencies to improve implementation of projects Plan, monitor and evaluate the performance of staff against set targets and objectives and
- Implement development action plans aimed at building the capacity of individuals and multi-disciplinary teams.
- Project:
 - Dangote Fertilizer & Refinery, Nigeria.

Vedam Design and Technology Pvt. Ltd. Nigeria, (Dec 2012 – June 2016).

Design & Execution Project Engineer –Barge, Ship building, Oil and Gas, Rig plant- Sterling Oil & Exploration Nigeria.

- Ensuring engineering work undertaken is accordance with Procedures and Standards. Review technical specifications for shipboard equipment, technical review of quotations, and preparation of trial procedure.
- Review drawings/ equipment specification and check whether they are meeting all rules/ stand-ards/ statutory requirements applicable for the project.
- Worked in coordination with the project administrator and managers to complete the projects
- Served as a point of contact from project initiation to completion.
- Inspection of piping layout as per P & ID checking the construction as the reference of G.A.
- Responsible for Hull/ Outfitting/ Structural & piping inspection & witness.
- Dry inspection, painting inspection before basin& se trial.
- Pre- commissioning check-up, & commissioning as witness approval.
- Allocated resources to various departments and managers as per their needs and requirements.
- Analyzed and monitored the project reports to sort out issues in documentation section.
- Maintained and documented reports on a daily basis regarding the projects assigned to various departments, progress, schedule, budgeting and forecasting.
- Checking of all Hull structure, Piping arrangement, GA, Painting Spec, Piping Spec during fabrication.
- Commissioning of pumps related systems, Main Engine, D.G. Set, and Safety Alarms. Basin Trial, Sea Trials. & solving the technical queries regarding design on site carefully.
- Technically solve the quires on site, surveying of ship's hull, piping, alignment, painting, routing of pipes, erection & commissioning of system. Oil/Gas/ Rig piping.
- Project:
 - 1400T INLAND OIL BARGE-1
 - 1400T INLAND OIL BARGE-2.
 - Accommodation Platform- 40 person Capacity.

Bharati Shipyard Pvt. Ltd. India, (Jan 2011 – Dec 2012).

Assistant Engineer Piping –(Layout & Execution).

- Process Plant Layout Piping - Basic & Detail Design engineering for interconnecting Equipment's like Distillation Towers, Pumps, Heat Exchangers, Compressors, Reactors, Storage Tanks, Drums, Pipe-Racks.
- Piping Study layout with reference of Plot-Plan, Process P&ID, Utility P&ID, Line-List, Civil Drawing, Piping Specification, Equipment Data sheet, Instrument specification, etc. to identify location for equipment's and associated infrastructure for routing the piping to satisfy client specifications for operational, maintenance & safety requirement and considering the possibility of piping supports.
- Design Equipment layout, Equipment arrangement & Elevation, Nozzle orientation, Platform Elevation, ladder & staircase arrangement, hand railing
- Preparation of layout as per suitable at site, Erection of machinery, Fabrication and Erection of piping, penetration, support etc.
- Pre-commissioning checks as per drawing, cold check of Piping, testing, Commissioning of piping system
- For Special type vessels having Fire Fighting, DNV, LRS, IRS & BV class approved.
- Supervise the job for the fabrication and fitment of pipe, valves, pumps, filter, heat ex- changer, and varies piping equipment Supervise the project execution work as per design.
- As per class requirement showing system operational performance to surveyor and owners such as all the alarm, monitoring & safety functions and working of equipment as per trial protocol.
- Preparing inventory for material indents. Material inspection & Maintain MVR
- Project:
 - V/356 BOURBON ARGOS-LUXEMBOURG [AHT VESSEL].
 - V/381 UP JADE, BAHAMA.
 - V/395 SCI-HEERA [AHT VESSEL].
 - V/394 SCI-MUKTA [AHT VESSEL].

References

- Mr. V S Bagave, DGM (QA/QC Piping, Hull) - Bharati Shipyard Ltd. India: +919421230997.
- Mr. P Chattopadhyay, VP - VDTC & Pipavav Shipyard Ltd. India: +919727777120.

Education

Accreditation	Institution
Certificate Program in Project Management	IIM Indore
Bachelors of Engineering (Mechanical)	Mumbai University.
Diploma in Mechanical Engineering	Maharashtra Board of Technical Education.

I hereby declare that all the information provided in this application is factual and correct to the best of my knowledge and belief.

S.K.GURUCHAL.