

GHURE MOHD UMAR

ENGINEER

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PROFILE

Instrumentation Engineer with hands-on experience in sensors, valves, cable routing, and instrumentation systems. Currently working at Aker Solutions, contributing to offshore projects with expertise in As-Built documentation and field instrumentation. Strong understanding of industrial automation, process control, and instrumentation standards. Adept at troubleshooting and optimizing instrumentation layouts to enhance system efficiency. Holds a B.E. in Electronics and Telecommunications with a solid academic foundation in networking and instrumentation principles.

PROFESSIONAL EXPERIENCE

Aker Power Gas Pvt. Ltd, Mumbai 2024 - Present

- Johan Castberg FPSO (Norway - FPSO at Barents Sea)

Key Responsibilities:

- Managed **As-Built documentation** for the Johan Castberg offshore project, ensuring alignment with the latest engineering revisions.
- Reviewed and updated **vendor drawings, technical datasheets, and instrumentation layouts, ProArc** to reflect project modifications.
- Conducted thorough quality checks on instrumentation documentation to maintain compliance with industry standards.
- Coordinated with project counterparts and vendors for clarifications and data validation, ensuring smooth workflow.

- Valhall PWP – Fenris (Norway - An Aker BP Project in Nordsjøen)

Key Responsibilities:

- Routed 300+ cables using Aveva E3D**, ensuring optimal paths for efficiency and compliance with project requirements.
- Worked in the Area Team**, collaborating on cable tray layouts and ensuring proper segregation for power, control, and instrumentation cables.
- Used NavisWorks** for 3D model visualization, clash detection, and design validation.
- Gained hands-on experience with **SmartPlant Instrumentation (SPI)** for instrument database management, loop drawings, and wiring schedules.
- Coordinated with multiple engineering disciplines, ensuring smooth integration of routed cables with structural and piping layouts.

EDUCATION

Bachelor of Engineering in Electronics and Telecommunications

THADOMAL SHAHANI ENGINEERING COLLEGE, Mumbai University

CGPI : 8.86 / 10

May 2024

Diploma in Engineering

Abdul Razzak Kalsekar Polytechnic in Electronics and Telecommunications

M.S.B.T.E 92.18%

Aug 2021

EXTRA CARRICULAR AND CERTIFICATIONS

- Associated with **MESCO** since 2017
- NVIDIA Networking | [🔗](#)
- Instrumentation Engineering MasterClass | [🔗](#)
- Smart Plant Instrumentation (SPI) | [🔗](#)
- Smart Irrigation System | [🔗](#)
- Automated Car Parking System | [🔗](#)
- AI to Suggest Diagnostic Test | [🔗](#)