

# **CURRICULUM VITAE**

**ABY BIJU**  
**MECHANICAL ENGINEER**  
**SITE ENGINEER**  
**+91 7034758716**  
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## **CAREER OBJECTIVE**

- Dedicated and skilled Mechanical Engineer with 2.6 years of experience in QA/QC, mechanical maintenances work and heavy industrial construction engineering works. Currently searching for a position that will allow me to use my knowledge and experience in implementing the tasks necessary to ensure and maintain engineering quality standards.

## **EDUCATIONAL QUALIFICATION**

Course	Branch/ Subject	Institution	Board/University	Year of passing	Percentage
B.Tech	Mechanical Engineering	TKM Institute of Technology, Kollam	APJ Abdul kalam Technological University	2020	6.59(CGPA)
H.S.E	Biology Science	CVKMHSS, East Kallada, Kollam	Board of H.S.E , Kerala	2016	78%
S.S.L.C	General Subjects	MCEMHSS, East Kallada, Kollam	Board of Public Examination, Kerala	2014	88%

## **CERIFICATION**

- CSWIP 3.1 /Certified Welding Inspector by TWI
- Certification of Professional Diploma in Oil & Gas
- American Society of Non-Destructive Test(ASNT)Level II in VI,PT,MT,UT&RT
- Certification in Quality Assurance /Quality Control

## **PROFESSIONAL EXPERIENCE**

Organization	Position	Duration
METALARC ENGINEERING WORKS	Site Engineer	10-09-2020 TO 15-02-2023

## RESPONSIBILITIES AND DUTIES

- Documents review and incoming material receiving inspection of all piping materials & valves and maintaining traceability.
- Daily co-ordination with NDT/NDE, client inspection department. Coordinating & verifying calibration of equipment and instruments.
- Inspection of daily piping activities such as preservation, Fit-up, pipe laying, spool & valve installations, erection, Flange Gasket, and bolt torquing.
- Walk through inspection & preparing punch list. Final piping reinstatement for completion.
- High-pressure testing activities (valve testing, piping system hydro test & service test).
- Pressure (Hydraulic & Pneumatic) testing of Valves in Third party facilities.
- Prepare daily & weekly production & quality reports. Documentation of all quality-related activities.
- Perform shopfloor and site stage-wise inspection such as outlet orientation, edge & bevel preparation, fabrication, clearance for surface preparation and coating application.
- Coordinate and assist NDE (RT, UT, MPT, LPT, PWHT, and PMI). NDE perform and review during receiving inspection and based on Quality Plan over the project.
- Inspection of surface preparation and coating application
- Usage of dimensional measuring instruments, thickness gauge, Coating thickness gauge, Vernier Caliper etc.
- Prepare, dimensional inspection, Daily Welding Inspection Report, Material Traceability Record Quality System documentation and stagewise report etc.

## INTERNSHIP

- Completed five days internship programme on CNC Machines and Lathe etc. from Kerala Electrical & Allied Engineering Co. Ltd (KEL)
- Completed Workshop on Robotics & Automation

## PROJECT

- Development of low cost wind tunnel and particle Image Visualization | Duration : Six months
  - Fabrication of low cost wind tunnel using acrylic material.
  - Visualization of flow using PIV software.

## SKILLS

- Site management, technical support.
- Proficient in Quality procedures.
- Proficient in Engineering standards.
- Good communication skill, and informatively.
- Takes responsibilities, follow management directions
- Good at drafting drawings, Layout, Mechanics, Welding & Piping details.
- Safety regulation.

## PERSONAL DETAILS

<i>Date of Birth</i>	23-10-1998		
<i>Passport No &amp; validity</i>	U235794, 01-12-2030		
<i>Languages Known</i>	Malayalam, English, Hindi		
<i>Interests</i>	Gardening, Cricket, Volley Ball		
<i>Residential Address</i>	Aby Bhavan Maravoor Muri East Kallada Kollam Kerala, India PIN-691502	<i>Mobile No</i>	: +91 7034758716
		<i>E-mail</i>	<a href="mailto:abybiju98@gmail.com">abybiju98@gmail.com</a>

## REFERENCES

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## DECLARATION

I hereby declare that the above-mentioned information is true to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Sincerely,  
ABY BIJU