

AKSHAJ BIJU

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Vennikulam | Ernakulam



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PERSONAL INFORMATION

- Passport Number: T6883497
- Passport Expiry Date: 18/07/29
- Date of Birth: 25/06/01
- Gender: Male
- Nationality: Indian

PROFESSIONAL SUMMARY

Motivated and enthusiastic Mechanical Marine Service Engineer, seeking a challenging opportunity to apply my academic knowledge and practical skills in a professional setting. Eager to contribute towards innovative projects and collaborate with a dynamic team to enhance my expertise while delivering valuable solutions.

I am a Mechanical Engineer currently working as a Marine Service Engineer. Dedicated and detail-oriented with hands-on experience in maintenance, repair, and servicing of marine machinery and mechanical systems. I have developed a solid foundation in core mechanical principles while working in various engineering projects. My eagerness to learn and adapt has enabled me to excel in team-based environments. Strong background in technical documentation, client support, and on-site service execution. Proven ability to work in challenging environments, manage time effectively and deliver cost-efficient solutions that improve vessel performance and minimize downtime

SKILLS

- Engine Overhauls and Repairs
- Marine Generator Maintenance
- Fuel Injection Systems
- Marine Engine Maintenance
- Troubleshooting and Diagnostics
- Propulsion Systems (CPP, Shaft lines)
- CAD

WORK HISTORY

10/2023 - Current

Ind-Aust Maritime Pvt. Ltd.

MARINE SERVICE ENGINEER

- Overhauled and corrected mechanical problems with Yanmar Auxiliary Engine & Main Engine (6EY18LW, 6EY26LW).
- Worked on Controllable Pitch Propeller (CPP) Shafting in passenger/cargo vessel.
- Cleaned and lubricated parts to keep equipment operating at peak performance.
- Dismantled defective parts and equipment and installed new or repaired parts.
- Visually inspected and tested machinery and equipment, performing routine preventive maintenance.
- Diagnosed and resolved machine operation variations and equipment problems.
- Completed partial or full dismantling of equipment for quick repair or replace defective components and restore functionality.
- Worked with diverse types of weather and ground conditions.

EDUCATION

Adi Shankara Institute Of Engineering And Technology, Kalady, Kerala
B.TECH, Mechanical Engineering

Girideepam Bethany Central School, Kottayam, Kerala
12th Board | CBSE

Ashram Public School, Kakinada, Andhra Pradesh
10th Board | CBSE

CERTIFICATIONS

- Electric Vehicle Manufacturing, Completed a three months course on topic Electric Vehicle Manufacturing by Techmagi
- Quality Management, from Mindluster
- Automotive Engineering, from Mindluster
- CNC Machining, from Mindluster

PROJECT

B.TECH Project, Automated Solar Panel Cleaning System Using Compressed Air: The main objective of the project was to eliminate water based cleaning which can save a lot of water and improving efficiency of the solar panels which can be done totally by the help of automated cleaning process without manpower. The main advantage of the product is that there will not be any kind of scratches on the solar panel which can cause efficiency loss. This process involves compressed air in cleaning the solar panel.

LANGUAGES

- English
- Hindi
- Malayalam
- Telugu

TRAINING

- Attended a workshop on Solid Works
- Attended a workshop on BMW engine tuning