Shivani V S

Naval Architect

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PROFILE SUMMARY

 Aspiring Naval Architect with a strong foundation in ship design, marine engineering, and hydrodynamics. Proficient in using CAD software and conducting structural analysis to create efficient and innovative vessel designs. Enthusiastic about applying academic knowledge to real-world maritime projects. Eager to contribute to a dynamic team and grow in a challenging environment within the marine industry. Committed to ensuring safety, efficiency, and sustainability in all design processes.

ACADEMIC QUALIFICATION

B.Tech - Naval Architecture and Ship Building Engineering   *2021 - 2025*
Christ Knowledge
City,Muvattupuzha,Ernakulam,Kerala,68354

12th CBSE in Bio-Maths – 74.6%   *2019-2022*
Santhinikethan public school, Irinjalakuda

10th CBSE – 85.4%   *2015-2018*
Santhinikethan public school, Irinjalakuda

INTERNSHIPS

- ❖ **TECH MAGHI - Certificate**   April 2022
  - ➢ Internship on basics of building construction and AutoCAD

- ❖ **SEA BLUE SHIPYARD Ltd . - Certificate**   May 2022
  - ➢ Gained knowledge in ship repair,ship building,general knowledge about industries

- ❖ **HINDUSTAN SHIPYARD Ltd. - Certificate**   May 2023

  Gandhigram,Visakhapatnam- 530005, India
  - ➢ Gained knowledge in ship repair processes ,docking and general knowledge about industry

- ❖ **COCHIN SHIPYARD LIMITED - Certificate**   July 2024

  Ernakulam ,Kerala
  - ➢ Department of training: Design,Planning and Project Management,CSL Strategic and Advanced Solutions,Ship Repair ,Ship Building,Safety and Training Institute.

THE FUNDAMENTAL COMPETENCIES

Technical skills

- Ship design & construction principles
- Hydrodynamics and fluid dynamics knowledge
- Structural analysis & load calculation

Soft skills

- Strong problem-solving abilities
- Effective communication skills

- Proficiency in CAD software (AutoCAD, Rhino, CREO,ANSYS)
- Team collaboration and multidisciplinary teamwork
- High attention to detail and precision

WORKSHOPS AND COMPETITIONS

❖ Interior design workshop at TKM College of Engineering , Kollam   May 2022
❖ AutoCAD workshop at National Institute of Technology Calicut   October2022
❖ Surakshayanam PACE at SCMS School of Technology,Karukutty   September2023
❖ Rhinoceros workshop hosted by Fugeniz.X

PROJECTS

❖ 42m Crew Boat (On-going)
  ➢ Vessel specialized in the transport of offshore support personnel ,deck cargo and below deck cargo to and from offshore installation.
❖ Static Structural Analysis of a Spanner(ANSYS) - (June 2024)   **Project**
  ➢ Conducted a static structural analysis of a spanner made from structural steel. Key outcomes included determining ultimate strength, compressive and tensile yield strength, ultimate tensile strength, isotropic elasticity, thermal expansion coefficient, S-N curve, strain-life parameters, and isotropic relative permeability
  ➢ Conducted Modal analysis of a tuning fork made with structural steel.key outcomes: total deformation ultimate strength, compressive and tensile yield strength, ultimate tensile strength, isotropic elasticity, thermal expansion coefficient, S-N curve, strain-life parameters, and isotropic relative permeability

CERTIFICATION

ANSYS BY CADD INTERNATIONAL   June 2024

LANGUAGES

- **ENGLISH**   -   Full Professional Proficiency
- **HINDI**   -   Professional Working Proficiency
- **MALAYALAM**   -   Native/Bilingual Proficiency

INTERESTS

Stability,Sustainability and Environmental Impact,Hydrodynamics and Fluid mechanics.

SELF DECLARATION

I hereby declare that all the information furnished above is true and correct to the best of my knowledge

-    Shivani V S