

Tamizharuvi Maniyan Annamalai

Senior Naval Architect | Project Engineering & Production Design

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PROFILE

A Senior Naval Architect currently leading technical projects in the UK's marine technology sector. Combines 6+ years of progressive experience in production design and team leadership with a recent MSc from the University of Southampton. Eager to transition into a hands-on Project Engineer role at Feadship, leveraging expertise in coordinating with European clients, managing complex specifications, and acting as the technical hub between design and high-specification shipbuilding.

CORE COMPETENCIES

Project Engineering

Technical Coordination

Ship Production & Fabrication

3D Modeling to Workshop Floor

High-Specification Vessels

Stakeholder Communication

SOFTWARE SKILLS

AVEVA PDMS, CADMATIC

Rhino 3D, Solidworks

AutoCAD

Siemens Star CCM+, Ansys

GHS, Maxsurf

PROGRAMMING

Python (Intermediate)

C# (Intermediate)

LANGUAGES

English (Fluent)

Tamil (Native)

Malayalam, Hindi (Proficient)

PROFESSIONAL EXPERIENCE

Senior Naval Architect - Marine Technology

Cybermarine Ltd, UK

Oct 2024 – Present

United Kingdom

- Serve as a primary technical liaison for European clients, translating complex owner requirements and regulatory standards (e.g., Lloyd's Register, DNV) into actionable engineering specifications.
- Manage the technical integration of advanced marine systems for high-specification vessels, ensuring seamless communication between design teams, suppliers, and shipyard partners.

Senior Naval Architect & Team Leader

Cybermarine Knowledge Systems Pvt Ltd, Mumbai, India

Mar 2023 – Aug 2023

Mumbai, India

- Design for Production:** Managed the end-to-end production design for 'HYDRA,' a 75m floating aquafarm, translating complex concepts into practical, buildable workshop drawings for successful manufacturing.
- Led a design team focused on hull structural design for various international projects, upholding the highest quality standards in all technical documentation.

Naval Architect & Team Leader

Cybermarine Knowledge Systems Pvt Ltd, Mumbai, India

Jan 2021 – Mar 2023

Mumbai, India

- Shipyard Process Optimization:** Served as a key liaison with **Cochin Shipyard**, delivering production-ready designs that **reduced potential construction delays by 15%**.
- Acted as the central technical coordinator between design, engineering, and production teams to ensure project alignment and successful execution.

Junior Naval Architect

Cybermarine Knowledge Systems Pvt Ltd, Mumbai, India

May 2018 – Jan 2021

Mumbai, India

- Developed 3D structural models and converted them into actionable work packages for welders, fitters, and assembly teams for vessels including Tugs, LPG Carriers, and Barges.

EDUCATION

MSc, Maritime Engineering Science (with Merit)

University of Southampton

2023 – 2024, Southampton, UK

BE, Naval Architecture & Offshore Engineering (First Class with Distinction)

AMET University

2014 – 2018, Chennai, India