

DJORDJE MUTIC

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Mechanical - Piping Design Engineer

As innovative, driven and agile Design Engineer I am constantly challenging my skills and enhancing my knowledge.

I have ten years of ship repair/shipbuilding design experience (with emphasis on piping) gained in variety of different areas, which has given me a good basis for both engineering and project management based work. Engineering experience included all major shipbuilding phases: Purchasing dept., Pipe shop, Mechanical workshop, Offshore dept., Design dept., Technical-commercial dept. and Technology dept.. Leading Engineer for Implementation and Development of Tribon Solutions software in Shipyard, responsible for Outfit part and Certified Tribon Outfit Trainer.

EDUCATION

1989-1993	Mathematical-informatical High School, Rijeka, Croatia Degree: Mathematical-informatical technician
1994-1999	Technical Faculty, Production Engineering, Rijeka, Croatia Degree: Bachelor of Mechanical Engineering

PROFESSIONAL EXPERIENCE

General Dynamics NASSCO, San Diego, USA (Matchtech Inc.)

Position Marine Design Specialist (Aug 2006-Sep 2008)

Responsibilities & duties **Marine Engineering**

Piping Engineering Checker:

Ensure that design is in accordance with all project criteria and in compliance with design guides, standards, specifications, and procedures. Checking that deliverables clearly depict the design. Checking constructability, operability, and safety in design.

Piping Engineering Lead:

Define the physical scope. Prepare a labor hour estimate for the piping effort. Prepare a detailed piping discipline work execution. Plan all aspects of piping activities. Oversee proper resource (people) requisitioning and utilization. Recognize and report all scope changes or trends that may cause a cost impact to the project. Prepare prompt and accurate status reports.

Create organizational/technical procedures/manuals for Design Department which emphasize maximum utilization of design, hardware and software resources.

Tribon

Support to Tribon M3 Outfit users.

Train Tribon M3 Outfit within Shipyard.

Position Senior Marine Design Engineer (Aug 2003-Jul 2006)

Responsibilities & duties **Marine Engineering**
Perform shipboard inspections related to mechanical systems onboard vessels with customer and classification society representative.
Survey and correction of design by compiling data related to design, specification and materials which are pertinent to specific items of equipment or component parts.
Develop information concerning previous operational failures and modifications to recognize inconsistencies or gaps in data and seek sources to clarify information.
Detail Engineering of Piping and Metal Outfit in Engine Rooms, Machinery service and Accommodation decks.
3-D Modeling
Coordination Drawings
Assembly Drawings
Production Drawings
Lists of Materials

Tribon
Testing Tribon M3 software
Support to Tribon M1 Outfit users

Shipyard Viktor Lenac, Rijeka, Croatia

Position Tribon Outfit Manager/Cert. Trainer/Designer (1999-Aug 2003)

Responsibilities & duties **Marine Engineering**
Detail Engineering of Piping, HVAC, Outfit, Foundations, Equipment and Components in Engine Rooms, Machinery service and Cargo Areas, Accommodation decks:
3-D Modeling,
Coordination Drawings,
Assembly Drawings,
Production Drawings,
Lists of Materials.

Tribon
Implementation and testing of Tribon Solutions software:
Pipe/Ventilation/Structure/Cable Modeling.
Set up of Outfit part of Tribon projects.
Coordination of work within Tribon Outfit design department and other shipyard departments.
Development and Customization of Tribon for shipyard:
Component and Modeling Naming Conventions,
Creation of drawing forms and standard details,
Automatization of Lists of Materials.
Cooperation with Brodoplan (Deltamarin Group) in defining know-how and technology as a part of shipyard modernization process.
Support to Tribon M1 Outfit Users within/outside Shipyard.
Contact/Troubleshooting with Tribon Solutions.

