



Dorel Ungureanu

Date of birth: 04/02/1985 | **Nationality:** Romanian | **Phone number:**

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WORK EXPERIENCE

PRINCIPAL ENGINEER - HULL DESIGN - ICEPRONAV ENGINEERING - 01/2018 - Current - GALATI, ROMANIA

Supporting basic design projects for FPSO vessels in AVEVA Marine, with focus on hull and outfitting modeling. Prepared key documentation such as the Hull Construction Technical Specification, Hull Material Technical Specification and Hull Corrosion Technical Specification.
Conducting hull and outfitting surveys at a Scottish shipyard to ensure compliance with IACS UR S47 regulations and project specifications.
Providing on-site technical support to facilitate project execution and resolve technical issues.
Preparing welding documentation in accordance with Class Register standards.
Developing 3D models and 2D production drawings for hull and outfitting, including drawing reviews.

HULL COORDINATOR / WORKSHOP ENGINEER - DAMEN SHIPYARDS - 08/2016 - 02/2018 - GALATI, ROMANIA

Workshop Engineer within the Steel Processing and Section Building Departments.
Coordinating hull and outfitting activities for an Antarctic Supply Research Vessel.
Overseeing the inspection of departmental activities to ensure adherence to Quality Standards and Safety regulations.
Offering support and technical assistance.

HULL DESIGN ENGINEER - BW ENGINEERING - 03/2015 - 04/2016 - TURKU, FINLAND

Using AVEVA Marine - Hull Design for Hull 3D Modeling and 2D Production Drawings in compliance with Class Approved Drawings and Structural Details Standards.
Providing technical assistance and conducting drawings reviews at the client's office.

HULL DESIGN ENGINEER - ICEPRONAV ENGINEERING - 08/2013 - 04/2015 - GALATI, ROMANIA

Supporting a French Shipyard by providing on-site technical assistance and conducting drawings reviews.
Using AVEVA Marine - Hull Design for Hull 3D Modeling and 2D Production Drawings in compliance with Class Approved Drawings and Structural Details Standards.
Converting a Floating Storage and Offloading (FSO) vessel through Basic Design, 3D Modeling, and Detail Design using AVEVA Marine - Hull Design.

HULL DESIGN ENGINEER - STX OSV - 01/2012 - 09/2013 - BRAILA, ROMANIA

Hull design for Offshore & Specialized Vessels.
Using AVEVA Marine - Hull Design for Hull 3D Modeling and 2D Production Drawings in compliance with Class Approved Drawings and Structural Details Standards.
Offering support and technical assistance for workshop departments.

NAVAL ENGINEER - PROJECT ENGINEERING & DRAWINGS CONTROL DEPARTMENT - DAMEN SHIPYARDS - 09/2011 - 02/2012 - GALATI, ROMANIA

Reviewing Hull & Steel Outfitting Drawings in accordance with customer-specific requirements and company standard regulations.
Collaborating with Classification society representatives and the owner's local surveyors to suggest approval solutions for various ship situations.
Offering support and technical assistance to workshop departments.

Providing technical assistance to the Design Department.
Developing modification sketches using AutoCAD and Tribon M3.
Collaborating with Classification representatives and the owner's local surveyors to propose approval solutions for various ship situations.
Offering support and technical assistance to workshop departments.

● **EDUCATION AND TRAINING**

2017 – 2018 Timisoara, Romania
INTERNATIONAL/EUROPEAN WELDING ENGINEER IWE/EWE ISIM - Institute for Welding and Material Testing

Comprehensive training in various welding processes, including gas metal arc welding (GMAW), gas tungsten arc welding (GTAW), shielded metal arc welding (SMAW), and submerged arc welding (SAW).
In-depth study of welding metallurgy, including the behavior of metals during welding, heat affected zones, and weld defects.
Extensive coursework on welding standards and codes, such as ISO, AWS, EN, and ASME codes.
Knowledge of quality management systems and their application to welding operations, including ISO 3834 and EN 1090.
Familiarity with welding safety practices and regulations, including hazard identification, risk assessment, and control measures.

Website <https://www.isim.ro>

2008 – 2013 Galati, Romania
MASTER OF ENGINEERING (MENG) ADVANCED SHIPBUILDING TECHNOLOGIES Dunarea de Jos University of Galati, Faculty of Naval Architecture

Comprehensive knowledge of modern shipbuilding processes, techniques, and technologies.
Understanding of marine materials used in ship construction, including steel, aluminum, composites, and coatings.
Study of international maritime regulations and standards, including SOLAS, MARPOL, and IMO regulations.

Website <https://ugal.ro> | Level in EQF EQF level 7 | Type of credits ECTS | Number of credits 120

2003 – 2009
NAVAL ENGINEER, (BSC) NAVAL ARCHITECTURE AND MARINE ENGINEERING Dunarea de Jos University of Galati, Faculty of Naval Architecture

Advanced principles of ship design, including hydrostatics, hydrodynamics, and structural design.
Knowledge of naval architecture principles, such as ship stability, resistance, and propulsion systems.
Understanding of ship performance analysis, including resistance and powering prediction methods.

Website <https://ugal.ro> | Final grade BSc | Level in EQF EQF level 6 | Type of credits ECTS | Number of credits 300

● **LANGUAGE SKILLS**

Mother tongue(s): **ROMANIAN**
Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **JOB-RELATED SKILLS**

Job-related skills

Field Engineering, On-site Technical Assistance, Welding Engineering, Hull & Outfitting Surveys.
Aveva Marine, Cadmatic Hull, ShipConstructor, Tribon M3, AutoCAD, Ebrowser, NavisWork.

● **DRIVING LICENCE**

- Driving Licence: AM
- Driving Licence: B1
- Driving Licence: B
- Driving Licence: BE
- Driving Licence: C1
- Driving Licence: C1E
- Driving Licence: C
- Driving Licence: CE

● **SKILLS**

Computer - Aided Design | Microsoft Office | Outlook | Cybersecurity | LINUX / UNIX / MAC OSX / WINDOWS

● **SHIPBUILDING FIELD ENGINEER, CERTIFIED WELDING ENGINEER, HULL DESIGN ENGINEER**

Shipbuilding Field Engineer, Certified Welding Engineer, Hull Design Engineer

I am a motivated naval engineer with a solid background in Ship Design & Shipbuilding, with over a decade of experience.
Throughout my career, I've consistently showcased a strong work ethic and unwavering dedication, resulting in a track record of delivering outstanding results.