



Dorel Ungureanu

Nationality: Romanian **Date of birth:** 1985 **Phone number:** (+40) 720666969

Email address: dorel@ungureanu.net **Website:** <https://dorel.org>

Home: Anghel Saligny 145 7C 32, 800484 Galati (Romania)

WORK EXPERIENCE

Principal Engineer - Hull Design

ICEPRONAV Engineering [01/2018 – Current]

City: Galati | Country: Romania

Supporting a Scottish Shipyard by conducting Hull & Outfitting Surveys to ensure adherence to IACS 47 regulations and project specifications.

Providing on-site technical assistance to support project execution and solve technical issues.

Verifying existing valves and pumps against basic and detailed design drawings to ensure all project requirements are met.

Creating welding documentation in alignment with Class Registers standards.

3D modeling for hull and outfitting, 2D production drawings, and drawings reviews.

Hull Coordinator / Workshop Engineer

Damen Shipyards [08/2016 – 02/2018]

City: Galati | Country: 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]

City: Turku | Country: 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]

City: Galati | Country: 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]

City: Braila | Country: 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]

City: Galati | Country: 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.

Hull Design Engineer

STX OSV [09/2010 – 09/2011]

City: Tulcea | Country: Romania

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

International/European Welding Engineer IWE/EWE

ISIM - Institute for Welding and Material Testing [2017 – 2018]

City: Timisoara | Country: Romania | Website: <https://www.isim.ro>

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.

Master of Engineering (MEng) Advanced Shipbuilding Technologies

Dunarea de Jos University of Galati, Faculty of Naval Architecture [2008 – 2013]

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

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.

Naval engineer, (BSc) Naval Architecture and Marine Engineering

Dunarea de Jos University of Galati, Faculty of Naval Architecture [2003 – 2009]

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

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.

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION 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

DIGITAL 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.