Metin Şaylan

Naval Architect & Marine Engineer, Software Developer

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Gonen Sk Tuzla 34940
Istanbul, Turkey

AIMS:

> *As a naval architect with high levels of expertise on ship design, analysis tools and software development, my career goal is to work in a global company where I can transfer my extensive knowledge into good use.*

EXPERIENCE:

Senior Ship Theory Engineer // STM Defence Technologies Inc.
August 2015 – Today

Since August 2015, I have been working both on new designs and ships under construction. My primary responsibilities included;

✓ Subcontractors Management
✓ Ship Design Calculations
✓ Ship Resistance and Propulsion
✓ CFD Analysis using Fluent and Openfoam

Design Manager // Milper Propeller Technologies Inc., Teknopark Istanbul
Jan 2015 – August 2015

Design Specialist // Milper Propeller Technologies Inc., Teknopark Istanbul
Jan 2012 – Jan 2015

✓ Design and development of Propeller Design Software
✓ Designs, checks and 3d modeling of propeller designs
✓ 2D and 3D Production drawings
✓ CFD analysis using OpenFoam
✓ Creating programmable CFD cases
✓ Various modeling and design calculations for other R&D projects

Design Engineer // Dearsan Ship Building Co., Tuzla
Aug 2007 – Jan 2012

Took place in whole design process of "New Type Patrol Boat". It was the first Naval Design to be built from scratch in a privately held shipyard. Other tasks that I have completed includes;

✓ Structural and Longitudinal Strength,
✓ Stability, Hydrostatics, Inclining Experiments, Tank Calibrations,
✓ Weight estimation calculations,
✓ Drawing and Approval of Sectional and Arrangement plans, Scantlings and Various details,
✓ 3d Modeling and Visualizations using Rhinoceros & 3ds Max,
✓ Aveva Marine Administration,

✓ Aveva Marine Hull Design,
✓ Aveva Marine Equipment

R&D Engineer // Yonca-Onuk JV, Tuzla
Feb 2006 – Jul 2006

I started as 3d Modeler for S23 "Hot Chocolate" high speed motor yacht. After I've completed 3d modeling of the yacht I also worked on weight estimation and stability calculations. I've quit my job at Yonca-Onuk to do my national service.

EDUCATION:

MSc. Marine Transportation Engineering
Istanbul Technical University, Istanbul
Feb 2014 – Cont.

BSc. Marine Engineering and Naval Architecture
Yildiz Technical University, Istanbul
Sep 2001 – Jan 2006 (GPA. 2.96)

Gazi Anatolian High School, Bursa
1995 – 2001

SKILLS:

Design // Aveva Marine, SolidWorks, AutoCAD, Rhinoceros, Maxsurf, NavCAD, PropCAD

Analysis // OpenFoam, Ansys Fluent, Ansys CFX, Ansys Mechanical, ModeFrontier, Paraview

Programming // C#, ASP.NET, ASP.NET MVC, VB.NET, Python, Full-stack Developer, FORTRAN, Java

Visualization // Rhinoceros, 3D Studio MAX, Vray, Flamingo, Adobe Photoshop, Inkscape

Other // Microsoft Office, Windows, Linux, SSH, PolyWorks, Meshlab, GOMInspect

LANGUAGES:

English – Full professional proficiency

Turkish – Native language

INTERESTS:

Blogging, Sketching, Programming, Modeling

PERSONAL DETAILS:

Birthday : 17 October 1983

Marital Status : Married

ORGANIZATIONS:

Chamber of Marine Engineering

REFERENCES:

References available upon request.

Please visit my linkedin profile for more detail.