

# Metin Şaylan

Naval Architect, Full-Stack Developer

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As a Naval Architect with Software Development skills, I want to project my technical know-how and expertise in engineering to challenging software projects, as a **Software Development Manager**. I have 5+ years of hands-on experience both on Desktop Application Development and also Web Application Development.

I am quite familiar with modern software development practices, including unit tests, shared code ownership, test driven development, continuous integration and continuous delivery. I am experienced in building and maintaining web applications and backend services. I am a self-learner, and I can quickly adapt to new technologies and frameworks.

For me; programming languages, operating systems, platforms or IDEs doesn't matter. They are just tools. They are constantly changing, and so should we.

I am always positive, solution-oriented and curious about the latest technologies. I like solving problems and I am self-motivated.

**Key Expertise:** Naval Engineering, Full-stack Development, Web Application Development, Web Performance, CAD Systems

# Work Experience

## Solution Consultant @ AVEVA

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Apr 2017 – Today

Software implementations, configuration and customizations as per customer requirements, and continuous support for Asset Visualization and Information Management portfolio products including:

- ✓ **AVEVA NET Workhub And Dashboard** – Asset Information Management System
- ✓ **AVEVA Engage** – Asset Visualization and Management System
- ✓ **AVEVA LFM NetView** – Plant Digitization & Laser Scanning Interface

## Senior Ship Theory Engineer @ STM

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Sep 2015 – Mar 2017

I worked on MILGEM, PNFT and other preliminary designs by STM.

- ✓ Stability and Weight Calculations,
- ✓ Hull form Resistance and CFD Calculations,
- ✓ Ship Propulsion Analysis using CFD, Aveva and NAPA
- ✓ Ship Design Contracts Management,
- ✓ Calculation Reports and Class Approvals Management

## Design Specialist @ MILPER Propeller Tech. Inc.

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Jan 2012 – Aug 2015

- ✓ Design and development of Propeller Design Software
- ✓ 3D modeling of propellers
- ✓ Preliminary design calculations
- ✓ Design checks according to classification rules
- ✓ 2D and 3D Production drawings

## Design Engineer @ Dearsan Shipyard Inc.

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Aug 2007 – Jan 2012

Took place in the 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 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

## Research & Development Engineer @ Yonca-Onuk JV

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Feb 2006 – Jul 2006

I started as a 3d Modeler for Yonca Onuk 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 & Courses

BSc. Naval Architecture & Marine Engineering

[Yildiz Technical University](#), Istanbul

2001 – 2006

Full-Stack Software Development (.NET)

[BilgeAdam](#), Istanbul

2016

## Languages

English · Turkish

## Development Skills

**Application** // Microservices, RESTful API, C#, ASP.NET, MVC, PHP, Python, NodeJS, Node Express, Angular

**DataBase** // MS-SQL (T-SQL), MySQL, MongoDB

**Web** // HTML5, CSS3, Javascript, jQuery

**Scripting** // Python, DOS (Batch), Bash, Powershell

## Design Skills

**CAD Systems** // AutoCAD, Rhinoceros, Flamingo, Vray

**Graphics Design** // Adobe Photoshop, Inkscape

## Opensource Projects

WordPress Countdown Widget for WordPress - [visit website](#)

Subpages Extended for WordPress - [visit website](#)

Image Banner Widget for WordPress - [visit website](#)

Adsense Widget for WordPress - [visit website](#)

## My Websites

NextSeasonTV - [visit website](#)

CancelledShowsTV - [visit website](#)

BestRecipeFinder - [visit website](#)

## Contact & Profiles

**Email** [metinsaylan-at-gmail-dot-com](mailto:metinsaylan-at-gmail-dot-com)

**Linkedin** <https://www.linkedin.com/in/metinsaylan>

**Github** <https://github.com/metinsaylan>

**Twitter** <https://twitter.com/metinsaylan>