

# Martin From

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## PROFILE

Software development is not only my work, it is also my hobby and passion.

I have been programming since I was 16 years old, and thereby obtained more than 19 years of experience with software development and technologies such as .NET, HTML, CSS, JavaScript etc.

When I am not working, I am most likely programming on some of my side projects and making sure to keep up to date with the latest technologies.

I have a strong focus on combining the customer's requirements with the possibilities of technology, to ultimately ensure the best possible solution. I can participate in the entire development life-cycle, from analysis and design to implementation, test and deployment.

## SKILLS

Specialized in C# .NET and web development, both front-end and back-end.

### TECHNOLOGIES

#### C# .NET



*Core, ASP.NET MVC / Web API / Core / WebForms, Blazor, Web Services, Open API/Swagger, Swashbuckle, WCF, Entity Framework, NHibernate, Dapper, SharePoint, WPF, XAML, WebSockets, SignalR, Common.Logging, NLog, Log4Net etc.*

#### JavaScript



*TypeScript, jQuery, JSON, Backbone.js, Handlebars.js, Knockout, Underscore.js, RequireJS, Grunt, Node.js, jQuery Mobile etc.*

#### HTML



#### CSS



*Less, Sass, Bootstrap*

#### Java



*Android*

### DATABASES

Microsoft SQL Server

Microsoft Access

Oracle Database & MySQL

RavenDB

### TOOLS

Microsoft Visual Studio

SQL Server Management Studio

NetBeans

Eclipse

SQL/T-SQL



PHP

*CodeIgniter*



RUBY

*Ruby on Rails*



ASP (Classic)

*JScript, VBScript*



JetBrains IntelliJ IDEA / RubyMine

Adobe Photoshop

Version control - SVN, TFS, GIT

Cloud Services - Microsoft Azure,  
Amazon AWS

Microsoft Office (Word, Excel,  
Outlook, PowerPoint)

## ADDITIONAL

- Project management and software development using agile methods (Scrum)
- Software analysis, design, architecture and requirements definition
- Extensive experience with front-end/back-end development and database design
- Quality assurance, testing and automation (Unit tests, Selenium, BrowserStack)
- Development using cloud infrastructure and platform services (IaaS and Paas)
- Development of mobile apps (native and using Cordova / PhoneGap for iOS and Android)
- Integration of payment solutions (incl. DIBS payment gateway)
- Administration and configuration of Windows Server, IIS and DNS

## EXPERIENCES

### 2018 – **Independent IT Consultant, Danfoss A/S**

*C# .NET, ASP.NET Core, MVC & Web Forms, HTML, CSS, JavaScript, JQuery, JSON, Entity Framework, NHibernate, Fluent NHibernate, SQL, T-SQL, Microsoft SQL Server, WCF, Web Services, WPF, XAML, WinForms, Log4Net, SAP Ariba, TFS, SVN, GIT*

Danfoss is a global manufacturer with more than 25.000 employees worldwide and one of Denmark's largest companies. My primary responsibility is to take care of development and maintenance of applications to support the organization during implementation of new projects and transition into new technology, as well streamlining and automating processes, to help my client achieving their goals.

### 2017 – 2017 **Independent IT Consultant, NNIT A/S**

*C# .NET, ASP.NET Web API, Entity Framework, NHibernate, WCF, Web Services, REST, SOAP, XML, JSON, Microsoft SQL Server, Oracle Database, TFS, Common.Logging, Log4Net, Swashbuckle, Swagger/Open API*

NNIT is an international IT service provider, and one of the three largest in Denmark. I successfully helped my client through the transition phase of taking over a big National IT project. Some of my responsibilities was to take care of development of existing systems and applications, and in the role as tech lead to oversee new development such as several new web API's integrating with the back-end systems to expose data to national authorities.

## 2015 – 2017 **Independent IT Consultant, Santander Consumer Bank**

*C# .NET, ASP.NET Web API, ASP.NET MVC, HTML, CSS, SASS, JavaScript, TypeScript, Backbone.js, Node.js, Underscore.js, jQuery, RequireJS, Handlebars, Entity Framework, WCF, Web Services, XML, JSON, Grunt, Microsoft Azure, SharePoint 2013, WebParts, TFS, Microsoft SQL Server, Signicat, OpenText Livelink, Common.Logging, NLog*

Santander Bank is one of the largest banks in the world. The bank is in the process of establishing itself on the Danish market. I helped my client with the development of several new products to secure new revenue streams. Products such as a consumer loan application with automatic credit scoring, integration with the social security (CPR) registry and tax authorities (SKAT), and an auto loan application that is able to electronically handle the legal documents and instantly pay out the loan once approved and signed using NemID.

In addition, I was responsible for creating a secure upload solution that makes it safe and easy to send documents electronically to the bank and implemented OpenText Livelink as the document storage solution. Also, I took care of transformation, data mining, storage and analysis of tax data.

Further, I did optimization and development of already existing systems and applications. On several projects I worked together with a remote team in Poland.

## 2015 – 2015 **Independent IT Consultant, Milestone Systems A/S**

*C# .NET, WPF, Windows Forms, Web Services, XML, JSON, Protocol Buffers, Team Foundation Server (TFS), PDF Sharp, MigraDoc, MIP SDK*

Milestone Systems is a leader in video surveillance software. I developed plugins for their monitoring platform. Including a plugin that allows you to monitor the state of an entire camera installation and get reports of up- and down-time. As well as porting an older system for recording hospital operations and with the ability to tag and comment on different sequences and times in the recordings, to their new platform.

## 2014 – 2015 **Independent IT Consultant, DONG Energy A/S**

*C# .NET, ASP.NET MVC, MS SQL Server, Entity Framework, JavaScript, jQuery, HTML CSS, Bootstrap, Silverlight, WCF, Web Services, XML, JSON, WPF, XAML, SharePoint, SAP, Team Foundation Server (TFS), Single Sign On (SSO), Secure Token Service (STS), Web Services Federation (WS-Federation), SAML, Active Directory Federation Services (ADFS), Microsoft Azure*

DONG Energy is Denmark's largest energy company. I developed a Single Sign On (SSO) solution for all of DONG's self-service solutions for both B2C and B2B customers as well as optimization and further development of Live Wind Farm Reporter, an internal tool used to monitor wind farms and estimate production capacity, etc.

In addition, I was responsible for rewriting ISB, which is an electronic version of the Installation Form used by Danish electricians when changes are made to the national electricity grid. Business logic and large parts of the existing database was moved to SAP.

On several projects, I worked with developers in Kuala Lumpur and served as the link and coordinator between the business and the development.

## 2013 – 2014 **Technical Project Lead, Getinge IT Solutions ApS**

*C# .NET, ASP.NET MVC, MS SQL Server, Entity Framework, JavaScript, jQuery, jQuery Mobile, Knockout, JSON, HTML, CSS, Less, WCF, Web Services, WebSockets, Android, iOS, Apache Cordova, PhoneGap, Axeda, Web Services, Remote Framebuffer (RFB), Virtual Network Computing (VNC), Amazon (AWS), Subversion (SVN), Team Foundation Server (TFS), GIT*

Getinge is one of the world's leading manufacturers of equipment for the hospital industry. I was responsible for the development and maintenance of their M2M solution Getinge Online (remote monitoring of equipment), the development of a mobile app for Android and iOS, specification of

system requirements, architecture, documentation, support of existing solutions and management of tasks using Scrum, for a team in Ukraine.

In addition, I independently developed a solution that enables remote display and control of the panel mounted on the physical equipment via a web interface (innovative in the industry).

**2013 – 2015 CTO / Co-founder, Clozt.com/.com.br**

*C# .NET, ASP.NET MVC, Microsoft SQL Server, Entity Framework, TypeScript, JavaScript, jQuery, JSON, HTML, CSS, LESS, Bootstrap, SVN, TFS, SignalR, T4 Templates, Microsoft Azure, Google Protocol Buffers (protobuf)*

Brazilian marketplace for trade of fashion items. I was responsible for developing the whole platform and made use of many new technologies and frameworks. Among other things, there was also a separate website with a calendar system of fashion events in Brazil, which served as marketing initiative.

**2012 – 2012 Software Engineer, The Social Network**

*PHP, CodeIgniter MVC, MySQL, JavaScript, jQuery, HTML, CSS, SVN*

Hybrid between Facebook and Twitter, where you can create a profile, follow other people, write posts and comment.

**2011 – 2012 Software Engineer, NiceDeal**

*C# .NET, ASP.NET MVC, Microsoft SQL Server, SQL, JavaScript, jQuery, HTML, LESS, CSS, XML, XSLT, XSD, XPath, SVN, Web Services*

Website that aggregates deals, both in terms of its own deals as well as deals from partner sites.

**2010 – 2011 Software Engineer, Monarc.dk**

*PHP, WordPress, MySQL, JavaScript, jQuery, CSS, HTML, SVN*

Fashion blog aimed at young people.

**2007 – 2009 Software Engineer, Trendsales.dk / Freeway ApS**

*C# .NET, ASP.NET MVC, ASP, Microsoft SQL Server, T-SQL, NHibernate, JavaScript, jQuery, HTML, CSS, SVN*

Trendsales is Denmark's largest marketplace for trading with fashion items. As the first Danish developer, I was responsible for taking over a project that had been under development in India for more than 2 years. My work consisted of reviewing the source code and advising the owners about technical decisions and making the project ready for launch.

In addition, I helped to further develop the already existing platform and I participated in the recruitment process of the other developers who would become part of the Danish team.

**2005 – 2007 Software Engineer, Orange**

*C# .NET, ASP.NET, ASP, Microsoft SQL Server, Access, MySQL, T-SQL, JavaScript, HTML, CSS*

Development and optimization of websites in collaboration with Orange and their customers.

**2004 – 2005 Software Engineer, ScanNet A/S**

*C# .NET, ASP.NET, ASP, Microsoft SQL Server, Access, T-SQL, JavaScript, HTML, CSS, XML*

Programming and development of their Webshop and CMS products as well as special solutions for major customers.

2004 – 2006 **Independent IT Consultant, Advokat Bo Vilsgaard / Erhvervsjord.dk**

*C# .NET, ASP.NET, ASP, Microsoft SQL Server, T-SQL, JavaScript, HTML, CSS*

Developed a website with an online payment solution and use of a public map service, execution of tests, participation in meetings as well as advise on new projects and quality assurance of code from external suppliers.

2002 – 2004 **Independent IT Consultant, Huha.dk**

*ASP, Microsoft SQL Server, T-SQL, JavaScript, HTML, CSS, DIBS*

Website with everything for house and garden. I wrote the entire website myself, including a webshop, an auction, complete administration module and integration with DIBS payment gateway as well as their accounting program.

2002 – 2004 **Independent IT Consultant, Træ & Byg A/S**

*ASP, Microsoft SQL Server, T-SQL, JavaScript, HTML, CSS, DIBS*

I took over from Creuna and was responsible for the development and maintenance of their systems and websites, including their main website containing their webshop. I changed their payment solution to use the DIBS payment gateway and made integration with their accounting software.

2002 – 2003 **Independent IT Consultant, Flythjemmefra.dk**

*ASP, Microsoft SQL Server, T-SQL, JavaScript, HTML, CSS*

Website for young people moving away from home, containing a price comparison system like edbpriser.dk and useful information.

2002 **Winner of Træ & Byg's competition**

*ASP, Microsoft Access, SQL, JavaScript, HTML, CSS*

Træ & Byg held a competition where students from all over the country could participate by class or individually, and win a big cash prize. I participated individually and created a full marketing report and a website with a price comparison system like edbpriser.dk and useful information. I won the competition.

2000 – 2001 **CTO / Co-founder, Yabba.dk**

*ASP, Microsoft Access, SQL, JavaScript, HTML, CSS*

Social music review website started with a friend. I did everything from front-end to back-end as well as graphics and design myself.

## OPEN SOURCE

Over the years I have created and contributed to various open source projects, where several of them can be found on GitHub.

Some of my own projects are listed below:

### DYNAMO.IOC

Inversion of Control container that was developed to prove that the performance of the IoC container at that time could be significantly improved. It was the fastest IoC container and achieved this by compiling expression trees to optimized code for faster execution. Today, almost all of the fastest IoC containers use this concept.

## DYNAMO.JISS

The project consists of two parts. One part makes it possible to use .NET C# as a script language by compiling code and executing it on-the-fly. The second part is a plugin that integrates the functionality directly into Visual Studio, thus allowing a script file to have direct access to events exposed by Visual Studio (New, Save, Delete file, etc.). This is useful when you have routine tasks in your project, which can be advantageously automated and executed by a script, such as minification and bundling of CSS and JavaScript, compilation of TypeScript, execution of T4 Templates, etc.

## DYNAMO.RAZORTEMPLATES

The project makes it possible to compile server-side code written with Razor syntax in ASP.NET to a JavaScript function with a similar signature that can be used client-side. This eliminates the need to duplicate code and keep it synchronized.

## JQUERY.AUTOSIZE.INPUT

jQuery plugin that automatically resizes the width of an input field relative to the content.

## EDUCATIONS

All completed courses in the Bachelor of Web Development and Master of Science in Software Engineering are passed with the highest possible grade.

Awarded “Best Student” by the school at the graduation ceremony for the bachelor in Web Development.

2012 – Master of Science in Software Development, IT University of Copenhagen

2011 – 2012 Bachelor of Web Development, Copenhagen School of Design and Technology

2002 – 2004 Computer Science, Vejle EDB-Skole

1999 – 2002 Business College (HHX), Grindsted Erhvervsskole

## LANGUAGES

Danish Native language

English Speak, read and write fluently

German Speak, read and write at a lower level

## REFERENCES

References can be provided upon request.