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# Steffen Jørgensen

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## SHORT BIO

A professional developer since 2007 and full-time geek since early teens, Steffen's main experience lie in the Microsoft stack (C#, .NET Core, WebAPI2, Entity Framework Core). His personality is outgoing, and he is very pragmatic in his approach to problem solving. He is a firm believer in the agile development process, the KISS principle and has a strong foundation in Test Driven Development (TDD). He will always try to understand the core business needs and make the simplest possible solution to the problem at hand.

While Steffen masters the full development stack, his main forces are in the backend and in the requirement analysis process with the customer. He is a very detail-oriented person, who prefers to go over his work twice before shipping and always delivers code that is covered by unit tests, integration tests and acceptance tests.

While working at 3 he was in charge of building a software development team from scratch. He was the primary driver in implementing a Scrum inspired process and was the team scrum master from day one. This involved working with a lot of junior developers that needed training and guidance, which he provided in a mix of workshops, code reviews and everyday communication. The guidance and teaching part of the job is something that he enjoys and thrives at and has been a part of quite a few of the contracts he has had as a freelancer consultant.

With a background in athletics, competing at international level, he performs very well under pressure if necessary, but will still strive to deliver quality over quantity. If the deadline is too tight, he relies on his extensive Scrum master experience, with a very analytical approach to the tasks at hand, helping the customer decide which shortcuts are acceptable and which are not.

A strong addition to Steffen's technical profile, are his excellent people skills. He thrives with both technical and non-technical persons and always moderates his communication to suit the recipient. He has a strong personality, always gives his honest opinion and is all in all a strong addition to any ambitious development team.

Steffen also has experience with collaborating and training junior developers. He's strong in communication and can plan and execute workshops with the developers, to teach them new technical concepts and enable them to use them in everyday tasks.

## EXPERIENCE

### Vipps/MobilePay, CPH – Technical team lead

DEC 2022 – MAY 2024

Building one of the core services in MobilePay, handling adding new credit cards and bank accounts to the app. This includes integrations to multiple banks in Denmark and Finland to enable the payments made in Mobilepay and enrolment of cards and accounts, depending on which bank the credit card/account belongs to.

The implementation was built as a series of microservices hosted in Azure using .NET 8. All business requirements were covered by unit tests (XUnit), integration tests (XUnit) and acceptance tests (Specflow/Reqnroll).

Held workshops for the junior developers in the team, teaching them unit testing, TDD, EF Core and programming fundamentals with the book "Clean Code" as an inspiration. Also played a part in optimizing

the agile process, to enable the Product Manager to faster deliver better requirements and clearer features to the team, enabling the team to refine the features in due time before the start of each sprint.

### **Codan, CPH** – *Developer*

AUG 2021 – OCT 2022

Building a new CRM system for Codan and Privatsikring including integrations to all the subsystems used for handling customer data and data on leads. The application was built in server side Blazor using C# 6, with a test suite leveraging both XUnit for regular unit tests and BUnit for testing the Blazor components and their behavior.

The project also included writing Kafka consumers and producers, which was a part of an event driven architecture that handled business logic related to both external integrations and internal applications.

Additionally working closely with Codan in writing job posts for FTE developers and assisting in job interviews of relevant candidates by providing technical insight and evaluating the technical level of the applications.

### **Olivia Danmark, CPH** – *Developer*

AUG 2020 – JUL 2021

Modernizing existing MVC 4.5 applications, implementing new features and fixing bugs. Two of the larger features implemented were a revamp of the HTML to make the application responsive and an implementation of a scheduled job sending out text messages to employees having open job opportunities.

On top of the normal programming tasks, it also helped with setting up a better release process and modularizing parts of the code, to enable better code reuse and more single responsibility principles. This also included training sessions with the Olivia developers.

### **Olivia Danmark, CPH** – *Developer*

MAY 2020 – AUG 2020

Integrating a legacy ASP.NET MVC 5.2 application to use a new authentication server. The authentication server implemented the OAUTH2/OpenId Connect protocol in order to authenticate the user using NemId. Additionally, the MVC application needed new business logic handling different types of users (new customers, existing customers and churned customers).

### **Planday, CPH** – *Developer*

JUL 2019 – MAR 2020

Extending an existing legacy code base, to support new business scenarios for one of Plandays large customers. The solution allowed aggregation of data in a multi-tenancy environment, in scenarios where the tenants allowed the data aggregation. The implementation included distributing data through RabbitMQ, consuming it from various listeners.

Implementing a green field business component that enables the Planday customers to create custom business metrics. The feature enabled the user to create advanced formulas and use data directly from the Planday Saas solution. The data can be shown live on screen enabling the customer to make the right decisions for their business.

### **eBoks, CPH** – *Developer*

JAN 2019 – JUN 2019

Integration to Difi's (a Norwegian logon provider equivalent to NemId) OpenId Connect implementation. The integration will enable norwegians to use their public login to log into a website used for the norwegian general election.

Integration to eIDAS from Digst (Digitaliseringsstyrelsen). Eldas is EU's portal used for connecting digital public logins (eg. NemId) to other EU countries public websites. The integration enabled foreigners to log into Danish public websites like borger.dk, using their public digital login from their native country.

### **Invixo, CPH** – *Developer*

NOV 2018 – DEC 2018

Implementing a POC of an API exposing data from an AI algorithm written in Intellix. The task included transforming the underlying data from the AI to an easily understandable API and recommending the best architectural approach.

### 3, CPH – Team lead, developer & scrum master

AUG 2014 – NOV 2018

Implementing an agile process in IT Development DK, with responsibility of providing help and advice to the junior developers in the team. Providing technical assessment of upcoming feature requests in order to assist the business analysts in creating well documented requirements.

### 3, CPH – Developer

FEB 2013 – AUG 2014

Implementing structured requirement process with the stake holders from the business. Development tasks included mainly web applications used internally in 3, with the main focus on optimizing tasks for customer service, marketing and other departments in 3.

### Hairtools, CPH – Developer

NOV 2007 – JAN 2013

Maintaining and developing new features on the biggest online Software As A Service suite for hairdressers in Denmark. Tasks ranging from classic ASP and frontend development to ASP.NET Webforms and WCF services.

Implementing and running an agile process ensuring the correct features are implemented together with the CEO. Working as Scrum master on the daily stand ups for a small team of four developers.

## TECHNOLOGIES & SKILLS

Skill	Experience (years)	Last used	Level (1-5)
<b>GENERAL</b>			
C#	17	Current	Σ Σ Σ Σ Σ
ASP.NET MVC	9	2022	Σ Σ Σ Σ Σ
.NET WebAPI2	8	Current	Σ Σ Σ Σ Σ
Rest API	8	Current	Σ Σ Σ Σ
WCF	6	2017	Σ Σ Σ Σ
ASP.NET Webforms	6	2016	Σ Σ Σ Σ Σ
Entity Framework	4	2018	Σ Σ Σ Σ Σ
Entity Framework Core	2	Current	Σ Σ Σ Σ Σ
SQL	17	Current	Σ Σ Σ Σ
Event driven architecture	2	Current	Σ Σ Σ Σ
RabbitMQ	1	2020	Σ Σ Σ
Kafka	1	2021	Σ Σ Σ

Microservices	5	Current	Σ Σ Σ Σ
Azure	5	Current	Σ Σ Σ
OAUTH2/OIDC	2	2019	Σ Σ Σ
Dapper	1	2020	Σ Σ Σ
FakeltEasy	4	2021	Σ Σ Σ Σ Σ
Moq	2	Current	Σ Σ Σ Σ Σ
NSubstitute	1	Current	Σ Σ Σ Σ Σ
<b>FRONTEND</b>			
Blazor, server side	1	2022	Σ Σ Σ Σ
jQuery	7	2021	Σ Σ Σ Σ Σ
HTML & CSS	10	2021	Σ Σ Σ Σ
React	1	2020	Σ Σ
Note.js	1	2020	Σ Σ
AngularJS	1	2020	Σ Σ

## EDUCATION

**Copenhagen University, CPH** – *Bachelor in Computer Science*

JAN 2004 - OKT 2007, CPH