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Experienced full-stack software developer with a focus on product creation and realization

# Relevant work experiences

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| **Junior Software Developer** | **CRM.biz / Easierdays**  Bergen, Norway | **2007-2009** |

Worked on building a SaaS CRM-system built on top of email. Daily tasks were feature creation and maintenance, working with the full stack of the project. Mostly autonomous, with assistance available from senior staff.

Tech keywords: Perl Catalyst, Dojo Toolkit (JS), CSS, HTML, MySQL, CentOS, SubVersion

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| **Software Developer** | **Webhuset AS**  Bergen, Norway | **2009-2012** |

Rebuilt the company's complete legacy tech stack from Perl to C# .net, and enabled the company's move into the virtual server space.

Some projects I was building:

* Back-office for the support staff that managed and tracked communication over email, phone and socials.
* Back-office for the company, with billing, customer notifications and control over all product depoyments, and more.
* Back-office for tech stack, with auto deployment of OS and software to dedicated servers, demand based auto provisioning of virtual servers, fault detection, alert system, and more.
* Product order system
* Customer portal system

I either contributed to or created more than 80 APIs that supported all facets of a highly automated business, and some handfuls of either internal or public facing front-end consumers of the APIs.

Tech keywords: C# .net, Perl, jQuery, CSS, HTML, MySQL, Linux, Windows hosting, XenServer

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| **Senior Software Developer / Product Manager** | **Webhuset AS**  Bergen, Norway | **2012-2014** |

My role at the company changed from being in a 2-man team to enabling the company's off-shoring efforts.

My day-to-day was mentoring and managing our 3-people development team in Minsk, Belarus, while at the same time continuing as developer working either with the team, or alone, or as a team. There was some traveling in this role, where I regularly went to Minsk to give training/team building/co-working.

Keywords: SCRUM, Jira

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| **System Architect / Senior Software Developer / CTO** | **Atarraya INC**  Puerto Escondido, Oax., Mexico | **2016-2021** |

I was hired by a startup shrimp producing biotech company to digitize their analog work methods. The company produces shrimp through a revolutionary bio-tech method, and it was previously unfeasible for them to scale production without a way of increasing the visibility of and response time to production issues, as the biotech production method is highly sensitive.

I was in charge of development, building and management of the tech team, and some investor relations. As of a year ago I have stepped back to a role that focuses exclusively on the technical aspects of the company and the system we are creating.

The actual product (*Atarraya*) I am in charge of building has pivoted numerous times, from an initial production control system to a hybrid between production control and sales, to additionally supporting a role as a distributor for other companies. The final iteration again focuses mainly on production and sales as the company pivots to a “Shrimp as a service” provider where shipping containers are rebuilt to mini-farms that can be placed anywhere and controlled with automated hardware remotely through Atarraya.

Since this is a system of my own design (and at least the structure is mostly implemented by me) I will describe it in short.

**A quick rundown of the stack**

* ~ 10 sideways scaling REST APIs with Auth (inspired from micro services)
* ~ 5 sideways scaling Web projects
* ~ 80 C# .net projects
* Custom C# ASP.NET (core) MVC inspired design pattern
* SDK for communication from front-end to back-end
* Vanilla JavaScript
* SCSS
* Razor pages
* Linux
* PostgreSQL with master/slave setup for among other run report queries on dedicated hardware
* Redis
* HAProxy for LB
* Custom-built build-and-release-server
* Sentry with monitoring of C# applications and JS
* Zabbix for server monitoring
* Git(Hub) with code reviews
* Network security model that focuses on layer separation

**Noteworthy features**

* Logging of parameters from in-house automated hardware devices, or through manual reporting through a Progressive Web App.
* Notification of tasks to app users, either through manual triggers, time-based triggers, or parameter based triggers.
* Alerts about production units under-performing or with other production issues.
* Reporting on production performance in different granularities and from different perspectives (roles).
* Predicting future inventory, financial, necessary purchases, stock harvests, and more based on historical performance.
* … queued uploaded Excel file data imports, custom user/login system, currency conversion rate logger, date/time picker widget, sort-able (numeric and alphanumeric) list widget, drop-down widget, custom hierarchical project inheritance build tool, and more.

# **Other** timeline items

**2000-2002**  
Multimedia Design studies  
Noroff, Bergen, Norway

**2000-2007**   
Part/full time convenience store worker  
Lerøy Mat, Bergen, Norway

**2004-2007**  
Developer studies  
NITH, Bergen, Norway

**2014-2016**  
Traveling for leisure. Shortly interrupted in 2015 for some consulting work for a tech incubator in Mexico.

**2020**  
Consulting work for snuslageret.no, helping them optimize their web properties for SEO purposes (with a focus on page load speed).