

## Project portfolio (selection)

**2014 – 2016**    **Hello Future: Skepool** skepool.se

Time frame:    2014-08 – 2016-12 ... (120 days)

Technologies:    php5, Laravel, MySQL5, SOAP, REST, git

Roles:    system architecture, backend development, documentation

Team size:    8

Skepool provides a trading and analysis platform for electricity retailers. Based on the existing SOAP-API I've been planning and developing a REST API for the new web app.

**2012 – 2016**    **Hello Future: Hello Umbra** helloumbra.com

Time frame:    2012-01 – 2016-12 ... (240 days)

Technologies:    php5 (Apache and cli), MySQL5, JavaScript, jQuery, REST, git, svn

Roles:    system architecture, backend development, JavaScript development, documentation, deployment

Team size:    7

Hello Umbra is a citizen services platform created by Hello Future. It's today used by over 20 Swedish municipalities. I am the system architect of Hello Umbra. Among other things I developed the whole backend, a frontend framework for the services running in a WebView, and deployment scripts.

**2012 – 2014**    **Hello Future: Spiderdash** spiderdash.com

Time frame:    2012-03 – 2014-06 (70 days)

Technologies:    php5, MySQL5, REST

Roles:    system architecture, backend development

Team size:    9

Spiderdash is a dashboard for marketing managers that help them keep track of trends from multiple touchpoints and KPI's. My role was to plan and implement the database and the core backend.

**2009**      **Dictocom GmbH: Web platform for telecommunication services**

Time frame:      2009-04 - 2009-08 (50 days)  
Technologies:    css, Django, javascript, jquery, MySQL, python, xhtml  
Roles:            frontend development, backend development, technical conception  
Team size:        3

SSMS converts spoken messages to text and sends it to mobile phones. I developed the database and the Django based backend as well as the frontend for the web interface.

**2008 – 2009**      **4tiitoo AG: GUI for a novel Internet hardware**      [www.4tiitoo.com](http://www.4tiitoo.com)

Time frame:      2008-11 – 2009-04 (75 days)  
Technologies:    css, java, JavaScript, jquery, xhtml, xul  
Roles:            frontend development, JavaScript programming  
Team size:        12

For 4tiitoo I planned and programmed the essential parts of the Firefox-based GUI using jQuery and xul.

**2008**              **Virtual Identity AG: Web2Publish System for {another big company}**      [www.virtual-identity.com](http://www.virtual-identity.com)

Time frame:      2008-06 – 2008-08 (40 days)  
Technologies:    ajax, css, JavaScript, jQuery, xhtml, TinyMCE  
Roles:            frontend development, JavaScript programming, coordination, technical conception  
Team size:        8

In this project I implemented the complex javascript logic for the user interface and the ajax communication with the backend. Furthermore I designed and documented the frontend-backend interface along with another developer.

**2007 – 2008**      **Virtual Identity AG: Templates for the redesign of {a worldwide company}**      [www.virtual-identity.com](http://www.virtual-identity.com)

Time frame:      2007-09 – 2008-03 (35 days)  
Technologies:    css, JavaScript, Prototype, sIFR, xhtml  
Roles:            frontend development, JavaScript programming,  
                          coordination, technical conception  
Team size:        5

Within the scope of the online redesign for this company I created a set of templates serving for the worldwide implementation of the local corporate websites and intranets.

Beside from the accessible code in xhtml 1.0 strict and the accurate implementation on pixel level with css this product provides several javascript modules for layer handling, animated header visuals, sitemaps and image magnification.

