

Curriculum Vitae of Marcus Carlsson

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https://github.com/xintron

EDUCATION **Upper secondary school** **2005-2008**

- Mathematics A-E
- English A-B
- Swedish A-B
- German A
- Physics A-B

SERVICE **Beepsend AB** **2011-08 –**

- Software developer
 - Working with SMPP, SMSC, SS7 and smsrouting
 - Core-engine written in Java
 - Backend and RESTful-API written in PHP
 - Frontend written in coffeescript, chaplin.js, Backbone.js
 - Server administration. Database scalability and optimizations.

Beepsend relies heavily on MySQL (InnoDB and MySQL Cluster) for persistency and fast processing (MySQL Cluster) with a backbone in RabbitMQ for communication between processes and worker nodes. The system communicates with the administration panel in real-time using WebSockets (node.js backend).

CoolStuff AB **2010-03 – 2011-08**

- PHP web developer and system administrator.
 - Development and maintenance of existing multi language e-platform (in PHP)
 - Development of underlying administration and inventory system (in PHP)
 - Server setup and maintenance (LAMP, CDN's, database optimizations)

MOXOC AB **2009-02 – 2010-03**

- PHP web developer and system administrator.
 - Development and maintenance of existing sites
 - Development of new sites
 - Server administration and optimizations

PROJECTS

pycri - Python

Python IRC bot with dynamic loading of plugins during runtime.

<https://github.com/xintron/pycri/>

irssi-pushover - Perl

Plugin for irssi (IRC client) that sends notifications using Pushover.net when highlighted.

<https://github.com/xintron/irssi-pushover>

For more public project visit: <https://github.com/xintron>

GENERAL EXPERIENCE

Admin Experience

- Experience as an administrator for Arch Linux, Ubuntu and Debian GNU/Linux systems
- Experience with shared web hosting using Apache, nginx and lighttpd
- Experience with Memcached and Redis
- Experience with DHCP, OpenSSH and OpenVPN
- Some experience with
 - Bind9
 - exim
 - spamassassin
 - LaTeX (this document is written in LaTeX and converted to PDF)
 - FreeBSD

Programming Experience

- Experienced Web Developer
 - HTML 4-5
 - XHTML 1+
 - CSS 1-3 (LESS, SASS)
 - JavaScript (angular, Backbone, Chaplin, jQuery, MooTools)
 - AJAX
 - WebSockets (socket.io, sockjs)
- Experienced Python programmer
 - Web development (django, flask, pelican, bottle)
 - CLI applications for interaction with web services
 - Text processing (xml, json, html, soap)
 - Socket programming
- Experienced PHP programmer
 - Web development
 - Socket programming
- Experienced Java programmer
 - System development (threading, AMQP, daemons)
 - Android app-development

- Experience with node.js (WebSockets - socket.io & sockjs)
- Experience with SQL and RDBMS (MySQL, PostgreSQL, SQLite3, MySQL Cluster)
- Experience with RabbitMQ
- Experience with NoSQL (mongodb, neo4j)
- Experience using VCS (git, mercurial and svn)
- Experience with shell scripting (sh, bash, zsh)