

Curriculum Vitae of Marcus Carlsson

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

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

SERVICE

Beepsend AB **2011–**

- System developer
 - Working with SMPP, SMSC, SS7 and smsrouting
 - Core-engine written in Java
 - Web interface and API written in PHP
 - Servermanagement (architecture, redundancy)

CoolStuff AB **2010–2011**

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

MOXOC AB **2009–2010**

- PHP web developer and system administrator.
 - Development and maintenance of existing sites
 - Development of new sites
 - Server setup and maintenance (LAMP)

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 OpenNTPD
- Some experience with
 - Bind9
 - exim
 - spamassassin
 - APE-project
 - node.js
 - orbited
 - 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)
 - JavaScript (jQuery, MooTools)
 - AJAX
 - Push technology (long polling)
 - WebSockets
- Experienced Python programmer
 - Web development (django, flask)
 - CLI applications for interaction with web services
 - Text processing (xml, json, html)
 - Socket programming
- Experienced PHP programmer
 - Web development
 - Socket programming
- Novice Java programmer
 - Android development
- Experience with SQL and RDBMS (MySQL, PostgreSQL, SQLite3)
- Experience with NoSQL (mongodb)
- Experience using VCS (git, mercurial and svn)
- Experience with shell scripting (sh, bash, zsh)