CHRISTOPHER FREDÉN

1986-07-09

Kobergsgatan 27

416 71 Göteborg, Sweden

c.freden@gmail.com

+46 (0)708 34 68 19

EXPERIENCE

System Developer / Web Developer

Kartena AB, Göteborg *at October 2005 — present*

Kartena does mostly consulting for Geographical Information System needs, such as maps, real time positioning and route optimization.

I have been involved in many projects and most of which are web based. We mostly develop in .NET but not for all projects. Some of the more recent projects I have started have been Node.js based.

Utilizing the open-source community we also get some time to give back. One project I worked on for adding custom projections with Proj4 to Leaflet a open-source map client Proj4Leaflet (https://github.com/kartena/proj4leaflet). More recently I created a static map generator, printlet (https://github.com/kartena/printlet) built with Node.js.

System Developer

Heliospectra AB, Göteborg *at November 2010 — January 2011*

Heliospectra provides a "smart", energy efficient, autonomous light engine for greenhouses. I was hired to write the software for their prototype lamp.

The prototype lamp controller was an embeddable ARM-processor which ran Debian Linux. I wrote a scheduler and a simple socket command interface for it in Python. I also configured the Debian installation and created a way to easily flash the entire setup to a unit.

This job was parallel to my employment at Kartena.

System Developer

Stadsbyggnadskontoret (City Planning Department), Göteborg *at 2005*

Designed and developed a web based project management system for the landscaping department. The project was built with a PHP, Apache and MySQL setup and run on a FreeBSD server.

Volunteer

Tara Buddhist Meditation Centre, Derby England *at June 2005 — August 2005*

Helped renovate a turn of the century building, mostly doing brickwork on the chimneys but also some gardening and carpentry work.

Intern

Freddans Musik AB, Göteborg *at 2001 — 2002*

Musikbörsen, Göteborg *at 2000*

EDUCATION

IT-Gymnasiet (Upper Secondary Technical School), V. Frölunda

Information technology, electronics and science *at Aug 2002 — Jun 2005*

Scholarship for Excellent programming skills and excellent completion of final project (construction of a hi-fi stereo amplifier).

TECHNOLOGIES

JavaScript	Node.js	CoffeeScript	Python
C#	Java	C	C++
MongoDB	PostgresSQL	MySQL	SQLite
Backbone.js	Express.js	Leaflet	Grunt.js
Vim	VimScript	Git	Mercurial
Gimp	Inkscape	OS X	Linux

PROJECTS

Dr. Markdown (http://icetan.github.io/dr-markdown/) a web based markdown editor.

Vixen (http://icetan.github.io/vixen/) a DOM/string-templating hybrid for model driven HTML views.

tinci (http://icetan.github.io/tinci/) stands for TINy Continuous Integration for Git repos.

blox (https://github.com/icetan/blox) a simple terminal based multi player tetris clone.

More (http://icetan.github.io) projects and social links.