



Jonathan Cremieux
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Full Stack Software Developer

Objective

I want to employ my skills in the development of engaging experiences to support and enhance the use of pioneering digital products and services. Working at the intersection of design and engineering, I aim to create functional and aesthetic interfaces while constantly improving quality and workflows.

Summary

Over 10 years experience in software development for a variety of applications and devices, from embedded systems to responsive web applications, BEng (hons) in Computer Science, MA in New Media Design, strong technical and design skills. Self-motivated, curious, and flexible.

Work History

Software Developer

Since April 2014
Freelancing

I have worked in several business domains, from marketing to R&D, building web sites, automated banking tools, computer vision solution and mobile applications.

I am also developing personal ideas and remain open to new opportunities.

Past clients: Isobar Finland, Lifelife GmbH, siivouspaiva.com, Universität der Künste Berlin, Yoocon GmbH

Web Developer

January 2013 – April 2014
Isobar Finland
Helsinki, Finland

My main task was the implementation of online marketing campaigns with a strong emphasis on interactivity and social media (LAMP stack/HTML5/JavaScript).

My other responsibilities were to keep a watch on new technologies and to create demos and prototypes. Inside a team of 3 other developers, I worked closely with Art Directors, UX Designers and clients to produce appealing, complex and responsive web sites under tight schedules.

Software Developer

2010 – 2013
Freelance

While working on my Master degree thesis, I have offered my services as a software developer to build personal web sites, develop a design tool for a city planning study, assist artists in the programming of interactive installation and created an online tool to support the first nation wide garage sale event in Finland (Siivouspäivä).

Back-end and Front-end Web Developer

October 2008 – January 2010
Floobs
Helsinki, Finland

I was in charge of the development of services on the company's website (*Java/HTML/CSS/JavaScript*).

I also designed and implemented a video player widget with a playlist to be embedded in web pages to show live streams and recorded videos provided by the Floobs platform.

Front-end Web Developer

December 2007- March 2008
Cyber Concept
Thonex, Switzerland

I was implementing promotional web sites from Photoshop mock-ups and developed an internal online marketing campaign management and monitoring system (*HTML/PHP/CSS/JavaScript*).

Junior Software Developer

2006-2007
Talo Informatique
Lyon , France

I worked as part of a team of 3 on the development of the API and the HTML interface of a geolocation service platform for security application (*PHP+AJAX, JAVA*).

Education

2008 – 2011
MediaLab Helsinki, Aalto University, Finland

Master of Arts in New Media Design.

2003 – 2005
School of Computing, Napier University, United Kingdom

Bachelor of Engineering with Honours in Computer Science.

2001 – 2003
IUT2, Université Pierre-Mendès-France, France

DUT – French university degree in Computer Engineering.

Programming Languages, Frameworks and Tools

Web	HTML, SVG, CSS/SASS, JavaScript/Node.js/Express/KOA, React, Vue.js, PHP/YII, Ruby/Ruby On Rails
Build tools	Grunt, Gulp, Bower, RequireJS, Webpack
Cloud/CI	Docker, Google Cloud, IBM Cloud, Circle.ci
General purpose	Java, C++ (framework : Qt, OpenFrameworks, CinderLib), Python

Database	Relational (MySQL, PostgreSQL, SQLite), MongoDB, Redis
Testing	Jasmine, Jest, PHPUnit, Minitest, Lest
IDE	Eclipse, QtCreator, Xcode, PhpStorm, VIM.
Version control	Git, Subversion
Bitmap/Vector editing	Photoshop, Gimp, Inkscape
Operative system	MacOs X, Windows 10, Linux (Suse, Ubuntu)
Others	OpenGL, Processing, Arduino, Physical computing (Computer vision, Wiimote, Kinect)

Languages

English	Fluently spoken and written.
French	Mother tongue, fluently spoken and written.
German	Learning (B Level).

Other Interests

Open Source software and Open Data, contributor to the Code For Berlin group.

Creative programming and interactive media art - I have exhibited works in Maribor (KIBLIX festival, 2015), Zagreb (Device_art festival, 2012), Helsinki (Pixelache festival, 2011), Prague (Enter 5 biennale, 2011) and Madrid (Medialab Prado, 2010).

Guitar

Rock climbing, running, swimming, cycling

Traveling, keeping up to date with scientific discoveries and what goes on in the world in general, learning new skills (programming languages, math, music theory, electronics, languages).