

# Curriculum Vitae

Name:	Filip Maarten de Waard	Homepage:	<a href="http://www.filipdewaard.com">http://www.filipdewaard.com</a>
Address:	Goudsbloemstraat 39 I 1015 JJ Amsterdam The Netherlands	Nationality:	Dutch
Email:	<a href="mailto:fmw@vix.io">fmw@vix.io</a>	Birth date:	August 4th, 1985.
		Phone:	+31 6 48012240

## Profile

Problem solver with a background in business as well as technology. Enjoys supporting the team, translating business needs to working solutions and reducing technical risk and complexity.

## Skills

These are skills with at least two years of real-world experience in a professional context:

Teamwork: Servant leadership, agile methodologies (e.g. Scrum), mentoring, product planning.

Concepts: Functional programming, test-driven development (TDD), DevOps, software architecture, distributed computing, big data.

Languages: Clojure, Scala, Java, JavaScript, Python, PHP.

Frameworks: Reagent, Compojure, Play Framework, React, Flask, TurboGears, Spring.

Tools: ElasticSearch, Apache Lucene, GNU/Linux, Amazon Web Services, Git, Mercurial, JIRA, MySQL, CouchDB, Riak.

## Work experience

- 2014-present Senior software developer at Treatwell.com, a marketplace for beauty.
- 2011-2014 Founder of Vixu.com, a website-management software company.
- 2009 Google Summer of Code (working on video streaming technology).
- 2008 Python developer at Heliotrope, a video streaming company.
- 2002-2008 Co-founder of Net Collective, a full-service web agency, with clients like Frans Molenaar, Krezip & Rijkswaterstaat.
- 2000 Internship at Crystallize in Ann Arbor, Michigan. Q&A for Boeing, PHP & MySQL development, setting up servers GNU/Linux servers.
- 1999-2014 Freelance web design and development.

## Highlighted projects

### *Treatwell Connect & Marketplace (2015-present)*

Architect of the new front-end, which is being implemented across two remote teams in order to be able to deliver new features to the business more effectively.

Skills: leadership, teaching, evangelism, agile, functional programming, Java, JavaScript, ES2015+, React.

### *Treatwell Salonbooster (2014-2015)*

Successfully led a team of 5 people working on a key project for the business and built an architecture that is easy to reason about, despite the complexities of the problem domain.

Skills: leadership, teaching, mentoring, agile, planning, functional programming, Scala, JavaScript, React.

### *Distributed web crawler (2013)*

Built a highly scalable web crawler as a contractor for a US-based quantitative finance startup, which runs in parallel across several machines.

Skills: agile, planning, TDD, functional programming, big data, Clojure, Apache Storm, Riak, Amazon Web Services.

### *Document similarity computation (2013)*

Created an algorithm for a stealth-mode startup from Israel, which is used to analyse similarities in a large dataset of resumes, allowing them to detect duplicates and fraud.

Skills: Java 8, Apache Lucene, test-driven development, TF-IDF algorithm.

### *Website-management application (2011)*

Created an open source website-management application and offered it commercially using a software-as-a-service model through Vixu.com.

Skills: Clojure, ClojureScript, CouchDB, Amazon Web Services, functional programming, test-driven development, DevOps.

### *Instant Ringtone Machine (2005)*

Touch-screen application which allows people to mix their own ringtone. Exhibited in the Museum for Communication in the Hague, at Lowlands, Festival Mundial and at several other popular festivals.

Skills: Java, Swing, Bluetooth.

### *Website Krezip (2003)*

Large community website for a pop band, including a custom content management system, which allowed the members of the band to engage with their fans directly.

Skills: PHP, MySQL.

## **Publications & Presentations**

- 2013 Building a complete CMS using Clojure (published in the Software Developer's Journal).
- May 14th, 2013 Clojure and Riak (presented at RICON East in New York).
- May 24th, 2012 Building a search engine with Clojure (presented at EuroClojure 2012 in London).