

Curriculum Vitae

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| Name: | Filip Maarten de Waard | Homepage: | http://www.filipdewaard.com |
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Profile

Problem solver with a strong background in business and technology. Enjoys building and empowering great teams, as well as aligning technology with business goals.

Skills

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| Leadership: | Coaching, performance evaluation, hiring & recruitment, product planning. |
| Methodologies: | Privacy by design (GDPR), agile, scrum, functional programming, test-driven development, domain-driven design. |
| Languages: | Clojure, Scala, Java, JavaScript, Python. |
| Frameworks: | Reagent, Om, Compojure, Play, React, Node.js, Spring. |
| Tools: | ElasticSearch, Apache Lucene, Git, JIRA, Kafka, MySQL, Postgres, CouchDB, Riak. |
| Infrastructure: | Kubernetes, Docker, GNU/Linux, Amazon Web Services (AWS), Google Cloud |

Work experience

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| 2016-present | CTO at Floyd & Hamilton, a recruitment software company. |
| 2014-2016 | Senior software developer at Treatwell.com, a marketplace for beauty treatments. |
| 2011-2014 | Founder of Vixu.com, a CMS 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 web studio 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

Floyd & Hamilton (2016-present)

Facilitated stellar growth for the business by taking responsibility for the technical team and architecture. Delivered for customers like Coolblue, Capgemini, Takeaway.com, Suitsupply, Innogy, Essent & Binck. Skills: leadership, coaching, recruitment, agile, functional programming, Clojure, JavaScript, React, DevOps, GDPR.

Treatwell Connect & Marketplace (2015-2016)

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, 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 scalable web crawler as a contractor for a US-based quantitative finance startup.

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.

Vixu.com CMS (2011)

Created an open source CMS 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, 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

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| 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). |