

Curriculum Vitae

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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).