

Curriculum Vitae

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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

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

Work experience

2016-present Lead developer at Floyd & Hamilton.

I was hired to get the delivery back on track in a role that combines hands-on development with managerial responsibilities. I worked with the business to hire a new technical team, improve the product, the development process, adopt best-practices and replace homegrown implementations with standardized solutions like Elasticsearch, React and Kubernetes. The result has been that the team has been able to facilitate stellar growth for the company, building recruitment websites for customers like Coolblue, Capgemini, Takeaway.com, Suitsupply, G4S, Innogy, Essent & Binck.

Skills: leadership, coaching, recruitment, agile, functional programming, Clojure, Perl, JavaScript, React, Elasticsearch, Kafka, Docker, Kubernetes, DevOps, GDPR.

2014-2016 Senior software developer at Treatwell.com.

As one of the first technical hires at Treatwell I worked on the technical architecture and lead of a team of 5 developers. After the company was acquired I worked with teams in London and Vilnius to successfully integrate the architecture I had been responsible for across the new stack. We managed to scale the platform from a prototype to a scalable system handling a large amount of bookings in multiple countries, which led to a 34M acquisition after 18 months. I contributed to this by measurably improving business KPI's through my technical work, but also by coaching other developers and facilitating the rapid onboarding of new colleagues.

Skills: leadership, coaching, agile, planning, distributed team, functional programming, Scala, Clojure, JavaScript, React, Elasticsearch, AWS, Google Cloud, Docker, Ansible, DevOps.

2008-2014 Freelance software developer

After selling my company I worked freelance, primarily using functional languages like Clojure. I also spent time on a law degree, which I didn't finish, and building my own SaaS product. As a freelancer, I got to work on a number of great projects, but eventually decided that I wanted to work as part of a team instead of as a lone wolf. A few key projects are listed below:

Distributed web crawler

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

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.

Vix CMS

Created an open source CMS and offered it commercially using a software-as-a-service model.

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

2002-2008 Co-founder of Net Collective.

I did my first commercial development work while still in high school. In 2002 I founded a web agency and started a working fulltime. The company offered development, design and hosting services for clients like Frans Molenaar, Krezip & Rijkswaterstaat. I was responsible for the technical side of things, including development and managing our hosting service, but also took care of the responsibilities of a small business owner, including sales, bookkeeping and the general management of the company. In 2008 the company was acquired, primarily because of the webhosting portfolio.

Skills: Python, PHP, Java, Bluetooth, MySQL, GNU/Linux.

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).