

Dominiek ter Heide



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PROFILE

- Specialized in agile web development. Three years of scaling in a high-load production environment.
- Strong oral and written communication skills in both English and Dutch.
- Strong interest in cutting edge technologies: the social, semantic and synaptic web.
- Bachelor in Computer Science (Engineering) with a strong and varied work experience since age 16.

TECHNICAL SKILLS

All skills are ranked in order of experience.

Programming:	Ruby (> 5 years) , JavaScript, C++, PHP, C, Java, BASH, Objective-C (iPhone), Python, x86 assembly, Perl
Web frameworks:	RubyOnRails (incl. 3 years of production scaling) , Merb/Sinatra, jQuery, PrototypeJS, Selenium
Deployment:	NginX-Mongrel stack , LAMP stack, *nix (and many exotic flavors)
Web standards:	CSS, (X)HTML , XML, REST, SOAP/XMLRPC, HAML, JSONML
Databases:	MySQL , most common varieties of SQL92, Memcached and MQL (Freebase semantic triple store)
Other cloud-services:	Freebase ACRE, Joyent Smart Cloud, Google Apps/Analytics, Github, Mashups with many web API's
Design tools:	Omnigraffle, iWork, Photoshop, Illustrator

OTHER SKILLS

Languages:	English (fluent), Dutch (native), Japanese (conversational), German and French (passive)
Design:	Ability to wireframe and mockup web products and flows, graphic design is of 'placeholder' quality.

EXPERIENCE

CTO at Cerego Japan Inc (Tokyo)

2007-present

I joined as a junior developer in a development team of about five people, where I jump-started the development of social (web 2.0) features for a web offering we were developing: Smart.fm, a service for language and fact learning.

Later, I spearheaded development of our platform, a set of API's and widgets that allows third parties to power learning experiences. This platform has become a driving factor in our business. After I became lead developer, I started getting more involved with product planning and our long term technology strategy and started getting a more formalized role in management.

In late March 2009 I became the CTO (development team of about twelve people). During this year we've built out a significant global platform that includes an iPhone application, linguistic API's, goal oriented studying, jQuery UI based widgetizable learning applications and a state of the art activity stream. As of December 2009, Smart.fm counts about one million users.

Lead Developer at FreshDeuce Foundation (Amsterdam) 2006-2007

Playing a central role in a multi-disciplinary team, developing a marketing product for a well-known clothing company. This project used several hardware sensors to identify snowboarders so that automatic video footage could be captured and offered through a web service.

Apart from building the web interface, my main responsibility was making sure that all components (and people) were communicating with each other properly.

Junior Application Integrator at InterCommIT (Amersfoort) 2005-2006

Completed a large project to automate the administration of encryption certificates for InterCommIT's B2B customers. All of this was built to integrate with several internal systems (like accounting) and with a variety of other external systems (which includes banking companies).

Junior Programmer at Araneum Interactive Productions (Amsterdam) 2002-2005

Araneum started out building custom web applications for it's customers, but soon specialized in the automation of marketing workflows.

At this company, my high-school acquired programming skills could flourish in the real world for the first time. At first, I started doing projects that solved internal problems, but later I started programming core backend components for Araneum's architecture, like a Single Sign-On system. Later, I started building custom solutions for some of Araneum's clients, which allowed me to learn how to interface with customers independently.

EDUCATION

Bachelor of Informatics, Hogeschool van Amsterdam 2007

(Computer Sciences Engineering)

Major: Software Engineering / Intelligent Systems

Mentionable projects: development of an 'Adaptive Programming' course, research on Web 2.0/ SOA movement.

Both internships were completed with a 9 out of 10 grade.

HAVO High School, Casparus College Weesp 2003

Subject of choice: informatics

In-depth study: cryptography

INTERESTS

I live and breathe technology, so in my spare time I also spend most of my time on this. I regularly hack together small web products in my free time, or experiment with new technologies. Also, I like researching things that relate to economics and technology and write about bold new ideas on my blog.

When I'm not in front of the TFT display, I love spending time enjoying new cultures, new foods and new drinks. Additionally, I try to go to the gym at least twice a week and go out sailing or snowboarding a couple of times a year.

LINKS

- Building a .com in 24 hours, http://digg.com/programming/Building_a_com_in_24_hours
- Kakuteru, a blogging and lifestreaming mashup, http://www.readwriteweb.com/archives/kakuteru_a_blogging_and_lifestreaming_mashup.php
- Reccoon, a recommendation engine stealth startup, http://www.readwriteweb.com/archives/five_early_recommendation_tech.php
- Smart.fm presentation at Tokyo 2.0, <http://vimeo.com/1918141>
- Code snippets, <http://github.com/dominiek>
- My LLC, Synaptify Consulting, <http://consulting.synaptify.com/>