

## Timo J. Sand

---

CONTACT INFORMATION	Timo Sand Korppaanmäentie 2 C 43 00300, Helsinki	Cell: (+358) 44 565 5606 E-mail: <a href="mailto:timo.sand@iki.fi">timo.sand@iki.fi</a> WWW: <a href="https://github.com/deiga/">https://github.com/deiga/</a>
DATE OF BIRTH	05.12.1985	
PROFESSIONAL INTERESTS	DevOps, web application development, machine learning and neural networks	
EDUCATION	<p>B.Sc. [Expected], <a href="#">University of Helsinki</a>, Department of Computer science, Summer 2018</p> <ul style="list-style-type: none"><li>• Area of Study: Machine Learning, Software Engineering</li><li>• Exchange studies: <a href="#">University of Bath</a>, Department of Computer science, September 2012 to June 2013</li></ul> <p>A-Levels, <a href="#">Deutsche Schule Helsinki</a> (German school Helsinki), June 2005</p>	
WORK EXPERIENCE	<p><b>Wunderdog Oy</b></p> <p><i>Senior Software Developer &amp; Consultant</i> <b>September 2015 to current</b></p> <ul style="list-style-type: none"><li>• I am part of team which develops new features to one of finlands biggest online entertainment services.</li><li>• I created an automated provisioning and deployment architecture for creating new instances of a multi-server system. Ansible controls AWS EC2 instances and installs required components and configurations.</li></ul> <p><i>Used technologies:</i> JavaScript, Java, Ruby, Node.js, ReactJS, ES6, Ansible, HTML5, CSS3, AWS</p> <p><b>Kirjakosmos Oy</b></p> <p><i>Partner &amp; Software Developer</i> <b>February 2016 to current</b></p> <ul style="list-style-type: none"><li>• We are building an online bookstore for indie authors, where anyone can publish their book in a digital format</li></ul> <p><i>Used technologies:</i> JavaScript, Python, Node.js, AngularJS, ES6, Ansible, HTML5, CSS3, AWS, Django, Clojure</p> <p><b>Verkkokauppa.com Oyj</b></p> <p><i>Front-end Developer</i> <b>March 2015 to July 2015</b></p> <ul style="list-style-type: none"><li>• I was part of a team responsible for the development of new functionalities to the company's online services, an example of these are the company's e-commerce</li></ul>	

website, point of sale -system and the administration ERP, as well as responsive mobile site. I was involved in implementing a new e-commerce buying process, as well as to add features to the mobile site.

*Used technologies:* JavaScript, Node.js, ReactJS, AngularJS, ES6, Ansible, Ruby, HTML5, CSS3

## Eficode Oy

*Software Developer*

**June 2014 to March 2015**

- During my time at Eficode I took part in several customer projects as either a front-end or full-stack developer. Some of these projects were Reposive, ePassi, and Spontaanipalaute. Reposive is a desktop application that synchronizes your Git projects with a cloud service. I was responsible for developing the cloud service and desktop application onwards. ePassi is an online service that provides cultural, sports and lunch benefits digitally. I was responsible for renewing payment logic for lunch benefits and implementing multiple marketing pages. Spontaanipalaute is a health care customer feedback system, for which I designed the architecture and was involved in implementing the client interface, as well as the administration interface.

*Used technologies:* Javascript, Node.js, Knockout.js, Ruby, Ruby on Rails, Java, Spring 4, Spring Cloud, AngularJS, Docker, Ansible

*Skills:* Konsultointi, tarjousten tekeminen, kommunikaatio

## Steeri Oy

*Senior Software Designer, Integration & Architecture*

**August 2010 to April 2014**

- Working in Development & Integration team as an integration specialist. I was responsible for the Continuous Integration systems, the Version control workflow and release management. My tasks ranged from developing our own product, building integration between customer systems, integrating customer systems to our own product, administration of unix servers. *Used technologies:* Java, Spring, Hibernate, Ruby, JavaScript, NodeJS, PHP, Apache HTTP *Skills:* Team working, communication, handling pressure, responding to critical changes

## University of Helsinki

*Project Assistant*

**November 2009 to April 2010**

- Working as assistant for TUHAT project. Planning and documenting tests, creating and running load testing for the TUHAT system. Usability evaluation of the web service. Mapping and converting old data to new data. Tools used: Python, JMeter *Skills:* Communication with foreign supplier, evaluation of usability

## Elisa Oyj

*Customer advisor*

**June 2008 to November 2009**

- Working as customer service representative in a contact center and private business exchange for over 100 businesses. *Skills:* Quick adaptation to changing circumstances, handling pressure

## Securitas Events Oy

*Security Steward*

**October 2006 to April 2008**

- Providing security in concerts, night-time restaurants, opening nights, nude baths *Skills:* Communication, First-aid, Self-defense

## Securitas Oy

### *Security Guard*

**September 2006 to January 2007**

- Providing security against theft and violence in grocery stores *Skills*: Communication, First-aid, Self-defense

## OTHER ACTIVITIES

### *Organizations*

- IT Officer, International Students Association, Students' Union, University of Bath, 2012 to 2013
- Webmaster, SATY ry (Finnish Airedaleterrier Association), 2010 to 2011
- Webmaster, TKO-Äly ry (Computer Science student organization, University of Helsinki), 2009 to 2010

## SKILLS

### *Languages*

- Native or bilingual proficiency: Finnish, German
- Full professional proficiency: English
- Limited working proficiency: Swedish

### *Programming languages*

- Ruby, Python, Java, C++, C
- HTML5, CSS, XML, JavaScript, SQL
- Haskell, Clojure, Google Go, Scala

### *Tools*

- Ruby on Rails, Spring, jQuery, Sinatra, NodeJS, SASS, LESS
- Database: PostgreSQL, MySQL, MS SQL, MongoDB
- Version control: Git, Mercurial, Subversion
- Operating System: Mac OS X, Linux, Windows
- Server: Apache HTTP
- Methods: Scrum, Agile, Kanban, Behaviour-driven development, Test-driven development
- Office software: Microsoft Office, OpenOffice