

OBJECTIVE

- I continuously improve on my soft and technical skills. I apply my understanding of academical topics in Computer Science such as Compilers, Program Analysis, and other fields encompassing Software Technology to build Reactive and resilient applications. In addition I support my colleagues in embracing functional programming aspects by engaging them in discourse, online courses, and teaching Scala and Akka courses.

CURRENT WORK¹

- **ING Netherlands**—Amsterdam, The Netherlands
September 2013 – present
 - Introducing functional, pure, and asynchronous programming through Scala
 - Working on real-time, distributed, actor-based systems
 - Improving way of working by introducing new tooling for development, testing, and horizontally sharing of knowledge
 - Co-founder of the internal API Platform in NL
 - Introducing group wide API Platform
 - Finagle-expert

EDUCATION

- **Utrecht University**—Utrecht, The Netherlands
MSc Computing Science (Software Technology) (September 2010 - August 2013)
- **Utrecht University**—Utrecht, The Netherlands
BSc Computing Science with Honours (September 2007 - August 2010)

PAST EXPERIENCE²

- **Young Colfield**—Amsterdam, The Netherlands
September 2013 – October 2014
 - ING Top Engineer
- **Beta Faculty, Utrecht University**—Utrecht, The Netherlands
Programmer: January 2011–December 2011 (0.4-0.8fte)
 - UU Beta Survey system ‘Caracal’: Survey Monkey like system for evaluating courses
- **Utrecht University**—Utrecht, The Netherlands
Teaching Assistant: November 2009–2013 (0.2-0.4fte)
 - Functional Programming;
 - Internet Programming.
- **BINK software B.V.**—Dordrecht, The Netherlands
Programmer: October 2006–present (0.2-1fte)
 - Technical design and implementation of several Customer portals, Website(s);
 - CRM and Licencing;
 - Internal automation and support.

¹All current and open source work is available from my GitHub account: <https://github.com/spockz>.

²Several minor IT and non-IT related jobs are omitted for the sake of brevity.

PUBLICATIONS

- **Building JavaScript applications with Haskell**—IFL2012
Atze Dijkstra, Jurriën Stutterheim, Alessandro Vermeulen, S. Doaitse Swierstra

SKILLS

- **Computer languages:**
 - Actively studying Scala and Haskell;
 - Proficient in Scala, Haskell, Ruby (and Rails), C# (.NET), JavaScript, Java, Delphi and PHP;
 - Familiar with Rascal, Objective-C, Python, Erlang, Prolog, Bash/Shell, Command-line utilities, C, C++., Swift
- **Natural languages:** Dutch (native), English (C2), Italian (C2), French (B1).
- **Other:**
 - Databases: Cassandra, Redis, MongoDB, PostgreSQL, SQLite, MSSQL and MySQL databases;
 - Web servers: Spray, Yaws, Apache, nginx, lighttpd, varnish;
 - Able to work with distributed and centralized version control systems. (Git, Mercurial, SVN);
 - Experience with $\text{T}_{\text{E}}\text{X}$ and $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$;
 - Good working knowledge of all major platforms. (Mac OS X, Linux, Windows);
 - Working knowledge of XML technologies. (XML, DTD, XSD, XPath.)

CERTIFICATES

- Lightbend Certified Fast Track to Akka with Scala, and Fast Track to Scala Trainer;
- 1ZO-851 Java Standard Edition 6 Programmer Certified Professional.

OPEN SOURCE

- lhs2TeX-hl: A helper executable to generate highlight format files for lhs2TeX. Available on Hackage;
- Authored and suggested several fixes for several other open source projects including but not limited to: CodeIgniter, DataMapper ORM (Rails), and Discourse.

EXTRACURRICULAR ACTIVITIES

- My hobbies include volleyball and photography. Additionally I am licenced to referee matches up to the 3rd division in the Dutch NeVoBo competition. Currently starting with matches on a national level.
- During my study I was a member of the student association A-Eskwadraat where I was in charge of external communication for a committee to organize the “Space Symposium”. Additionally I helped enhancing the visual presence of A-Eskwadraat as a member of the visual committee.