# Jonas Pfannschmidt

Specialities: Python, Java, Linux, Cloud, Web, DevOps, Blockchain

<http://www.jonaspfannschmidt.com>

## About Me

I have more than 10 years of professional experience in software development. Over these years I worked in different roles. As business analyst, architect, technical lead, project manager, tester, support and of course developer I have experienced every aspect of the software development life-cycle.

## Corporate Experience

Since 10/2011

*Software developer and Consultant at* [*Hewlett Packard Enterprise*](https://www.hpe.com) *(Galway, Ireland)*

* Started the blockchain initiative within the HPE cloud innovation team which grew into a center of technical expertise for blockchain. Among other things we:
  + Built an Ethereum based rental platform for cleaning robots which gets demoed at HPE conferences and tradeshows.
  + Advise customers on blockchain related topics.
  + Are the primary technical contact within HPE for blockchain related topics.
  + Started the Catena - Blockchain as a Service project (see below in section "Open Source").
* Technical lead in multiple software projects in which we developed customer specific modifications to [Helion OpenStack](https://www.hpe.com/emea_europe/en/software/openstack-cloud-iaas.html) and [Helion Stackato](https://docs.hpcloud.com/stackato/). Technologies: OpenStack, Python, CloudFoundry
* Advised customers around the topics cloud, cloud native development, scalability, CI/CD.
* Designed, implemented and maintained tools and processes to assist with Software Asset Management. Technologies: Java, C#/.net, Sql Server, HP Asset Manager.

07/2009 - 09/2011

*IT Consultant at* [*CSC Deutschland Solutions GmbH*](http://www.csc.com/) *(Munich, Germany)*

* Implemented customer specific modifications to a [payment transaction system](http://www.dxc.technology/banking/offerings/11090/121405-payments_transaction_system_pts) for banks.
* Designed and implemented a cheque management system based on SEPA V5.
* Implemented an insurance sales platform based on iPos/PosX, an in-house framework built on Eclipse RCP and OSGI.
* Technologies: Java, Spring, Wicket, Lucene, Smalltalk, DB2

01/2006 - 08/2007

*Software developer / Architect at* [*Schwarzmeier Mediengesellschaft LTD*](http://schwarzmeier-medien.de/) *(Munich, Germany)*

Designed, implemented and maintained various web portals. E.g. [guide-to-bavaria](http://www.guide-to-bavaria.com), [a real-estate portal](http://www.die-immobilien.de) among others with HTML, Javascript, PHP and MySql.

10/2004 - 12/2005

*Software developer at* [*Aescon med GmbH*](http://www.aesconmed.de/) *(Tübingen, Germany), part-time*

Implemented a web application to create and answer multiple choice questionnaires with HTML, PHP and MySql.

## Open Source

Catena

Technical lead and project founder of [Catena Blockchain as a Service](https://github.com/HewlettPackard/Catena) , a simple way to deploy, maintain and work with blockchains on clouds.

Cpmerge

Author of [cpmerge](http://jonaspfannschmidt.com/cpmerge.html), a clipboard manager for linux that merges primary selection and clipboard in an innovative way.

Freezer

Contributor and former core developer of [Freezer](https://wiki.openstack.org/wiki/Freezer), a backup and disaster recovery tool for OpenStack. Mainly involved in the initial design and the web ui.

Testing

Author of some experimental test tools using [OCR](https://github.com/JonasPf/ocr_testtool) and [comparing screenshots](https://github.com/JonasPf/testtools) to detect visual regressions.

Misc

[Bug fixes](https://bitbucket.org/pypy/pypy/issues/2223/itertoolsislice-%20%5Bincompatibility-with), [Editor plugins](https://github.com/JonasPf/JumpTo), [GameJam contributions](http://jonaspfannschmidt.com/gamejam2014.html) and [more](http://jonaspfannschmidt.com/).

## Talks

Ethereum

An [Introduction to Tools, Solidity & Smart Contracts](http://jonaspfannschmidt.com/eth_workshop/index.html) delivered at the [Galway Blockchain Meetup](https://www.meetup.com/Galway-Blockchain-%20Meetup/events/242002658/) group.

Blockchain

[Blockchain Introduction](http://jonaspfannschmidt.com/Atlantec%202017%20Blockchain.pptx) presented as part of the in-company events at [Atlantec](http://atlantec.ie/2017/04/19/in-company-event-hpe-dxc-blockchain-%20%5Bbrand-360-analytics-containers-at-scale/).

Python

Talks about [HTTP Requests](http://jonaspfannschmidt.com/http_requests.html) and [Magic Methods](http://jonaspfannschmidt.com/magic_methods.html) presented as part of a weekly internal training and knowledge exchange that I organized in HPE.

## Education

09/2007 - 07/2009

Apprenticeship as [IT Specialist](https://www.bibb.de/tools/berufesuche/index.php/certificate_supplement/en/fachinformatiker_fr_anwendungsentwicklung_e.pdf) at CSC Deutschland Solutions GmbH (Munich, Germany)

## Certification

07/11/2017

[B9Lab Certified Ethereum Developer](https://academy.b9lab.com/courses/course-v1:B9lab+ETH-18+2017-11/about)

19/02/2016

[EXIN Foundation Certificate in OpenStack Software](http://jonaspfannschmidt.com/CV/EXIN.pdf)

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