Jonas Pfannschmidt

Specialities: Python, Java, Linux, Cloud, Web, DevOps, Blockchain
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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 01/2018	*Principal Blockchain Engineer at* Blockdaemon
10/2011 - 12/2017	*Software developer and Consultant at* Hewlett Packard Enterprise *(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 and Helion 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 *(Munich, Germany)*

- Implemented customer specific modifications to a payment transaction system 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 *(Munich, Germany)*

Designed, implemented and maintained various web portals. E.g. guide-to-bavaria, a real-estate portal among others with HTML, Javascript, PHP and MySql.

10/2004 - 12/2005	*Software developer at* Aescon med GmbH *(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 , a simple way to deploy, maintain and work with blockchains on clouds.
Cpmerge	Author of cpmerge, a clipboard manager for linux that merges primary selection and clipboard in an innovative way.
Freezer	Contributor and former core developer of 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 and comparing screenshots to detect visual regressions.
Misc	Bug fixes, Editor plugins, GameJam contributions and more.

Talks

Ethereum	An Introduction to Tools, Solidity & Smart Contracts delivered at the Galway Blockchain Meetup group.
Blockchain	Blockchain Introduction presented as part of the in-company events at Atlantec.
Python	Talks about HTTP Requests and Magic Methods 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 at CSC Deutschland Solutions GmbH (Munich, Germany)

Certification

07/11/2017	B9Lab Certified Ethereum Developer
19/02/2016	EXIN Foundation Certificate in OpenStack Software

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