Sett **Wai**

SOFTWARE ENGINEER · POLYGLOT PROGRAMMER

Johannesburg, South Africa

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Summary

"Ops-minded" software engineer with 6+ years professional experience as a consultant on many different projects and domains, all over the world: from web development to distrbuted back-end systems; non-profit social development, health and media to retail industry and corporate banking. Has a passion for continuous delivery, open source and the "developer experience". A nerd who cares deeply about craftsmanship and meaningful work.

Though initially pursuing an interest in game development, gained a lot more experience in web developement as an autodidact then joined a software consultancy (Alacrity), attracted by opportunity to work on a wide breadth of projects and technologies. Later found himself at Thought-Works where a lot of learning, travel and growth took place. There, Sett was quickly pushed into various technical leadership roles in a short career, based on high technical aptitude and organisation's needs.

Experience

Self-employed
South Africa

TECHNICAL CONSULTANT
May 2018 - Present

- Contract work for small company bootstrapping their product (JavaScript, NodeJS)
- Piecework as a Software Engineer under FoldLeft Consulting for undisclosed client. (Java, Apache Kafka)
- Enrolled in BScHons Computing at UNISA. Subjects: Research, Ontology Engineering, Machine Learning, Logic Programming

ThoughtWorks
South Africa, Uganda, USA, Brazil, Kenya

CONSULTANT/SENIOR/LEAD DEVELOPER
Apr. 2013 - Dec 2017

- Built project team and laid technical foundations, practices and software delivery approach to replace legacy corporate banking integration in large SA Bank. (Spring Cloud, OpenShift) - 7 months
- Pursued and led the development of app for securities trading over USSD in Kenya (ASP.NET Core)- 3 months
- Implemented features, improved software development on a large team creating flagship Point of Sale (P.O.S.) platform for large US Retailer (iOS WebView, AngularJS, Spring, Microservices) - 11 months
- Assisted in technical approach and the development of a greenfield Counter Human-Trafficking system in Uganda (DropWizard with bespoke front-end) - 3 months
- Provided technical leadership on an Anti-counterfeit Medicine verification system over SMS, deployed across Africa (Django, RabbitMQ, Mongo, Vumi) - 14 months
- Contributed to OpenStack testing framework for large ISP in the US, as part of Quality Engineering team. (Python) - 6 months

Alacrity Technologies Pty Ltd
Johannesburg, South Africa

INTERN/JUNIOR DEVELOPER
May 2011 - Oct. 2012

- Built a prototype mobile web app for booking boardrooms (Play! framework, BackboneJS)
- Maintained/extended legacy ASP.NET (VB.NET) application for training fund trustees at a large financial services company. Introduced version control and modern web development practices there.
- Sole developer of online web portal and mobile web app to allow customers to view their pension fund statements online for above-mentioned company (ASP.NET MVC4, JQuery Mobile)

Education

UP(University of Pretoria)
Pretoria, South Africa

B.IS IN MULTIMEDIA
Feb. 2006 - Apr. 2010

- A combination of Computer Science, Multimedia and Visual Design culminating in Game Development

Skills

Languages	Python, Java, NodeJS, C#, Shellscript(Bash)
Frameworks	Django, AngularJS, Spring, Express, DropWizard, ASP.NET
Backend	RabbitMQ, MongoDB, Kafka, Nginx, Caddy
DevOps	Ansible, Chef, Docker, ELK, OpenShift, AWS
Practices	Automation, Pair Programming, TDD, Continuous Delivery, Microservices, Infrastructure as Code, Domain Driven Design
Tools	Vim, IntelliJ, Git, Vagrant/Docker, CI (GoCD, Jenkins, ConcourseCI, Bamboo)
Dabbles in...	Go, Elm, Prolog
Natural Languages	English, Afrikaans, Burmese