

Resume - T Stebbing

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Personal Statement:

Over ten years of FOSS web development; full-stack experience from front-end / UX to architecture, scalability, and security. Strong team leader/team player with a background in agile methodologies as well customer and business communication. I am capable of developing end-to-end web solutions using the latest python technologies and am currently looking for contracting work.

Employment History

Director **April 2011 – Present**
Pangur Pty Ltd

- Designed and developed http://pangurpad.com from the ground up
- Heavily custom built javascript creative writing tool with client side storage
- Bespoke solution using our own in-house FOSS web framework

tech: *Python, WSGI, Werkzeug, Pangur, Postgres, SQLAlchemy, gunicorn, NGINX, Jinja, Javascript, jQuery, pomke.js, client side storage, html5, css3, JSON, Linux*

Web Architect **June 2010 – April 2011**
Medibank Health Solutions

- Completed Enterprise Architect / Solutions Architect training
- Guided the development of the 'Befit' application
- Mentored development teams
- Prototyped new tech/tools
- Met compliance audits via documentation/testing

tech: *Python, Twisted, Postgres, Javascript, Linux, Buildbot, Redmine, many others*

Development Manager **September 2009 - June 2010**
McKesson Asia Pacific (acquired by Medibank Health Solutions)

- Promoted following acquisition
- Managed the Fitness2live development team during the transition to McKesson Asia Pacific
- Automated processes
- Implemented continuous integration, continuous delivery model
- Deployed the 'Befit' product globally

tech: *Python, Twisted, Postgres, Javascript, Linux, many others*

Lead developer **March 2007 - Sept 2009**
Fitness2live (acquired by McKesson Asia Pacific)

- Replaced aging online service with a custom built centrally managed, globally distributed, scalable
- Responsible for overall design & development of new 'befit' system
- Managed a team of 7 developers

tech: *Python, Twisted, Nevow, Postgres, STORM, Javascript, Linux, Zope3*

Lead Developer, Nunatak Systems, (June 2006 - March 2007)

- Developed a patient-management system for the aged-care industry

tech: *Python, Zope2, Plone, Javascript, Linux*

Developer, Revver Inc. (January 2006 - June 2006)

- Developed Revver's feed system (Atom, RSS) - Python/Twisted
- Developed Javascript mashup widgets for displaying video feeds. - Javascript/Mochikit
- Prototyped 'web 2.0' revver UI - Javascript / Mochikit / Python

tech: *Python, Twisted, Nevow, Javascript, Mochikit, Linux*

Senior Developer, Nunatak Systems (December 2002 - January 2006)

- Re-developed a custom PHP CMS in Zope.
- Developed a workflow based system integrating government services for property conveyancing.
- Developed an embedded Linux solution for SMEs including email, backup, document management & remote upgrading - PHP/MySQL.

tech: *Python, Zope2, Twisted, Berkley DB, Plone, Javascript, PHP, MySQL, Linux*

Contractor, Swinbourne University (June 2002 - December 2002)

- Designed and prototyped an E-learning system in PHP/MySQL

Developer, Cybersource (December 1999 - June 2002)

- Curriculum Corporation - survey system for EDU - ASP/VB
- Explore Australia/Ford Racing - PHP/Postgres
- Sausage software - HTML/CSS
 - Ansett Gold Lounge
 - Encarta Online
- Redhat Asia Pacific Support line - sub contractor

Technical Skills:

Languages:	Python, Javascript, shell, vimscript, LSL, various custom DSLs, php3/4, ASP/VB
web protocols:	HTTP (1.0, 1.1, DAV), JSON, JSONP, REST(JSON & XML), RSS, ATOM, PB, XML-RPC, SOAP, various custom protocols
web frameworks:	twisted.web, nevow, WSGI, werkzeug, flask, pangur (my own micro framework),
web servers:	NGINX, twisted.web, apache
databases:	postgresql, sqlite, mysql, berkelyDB, various custom python OODBs
ORMs:	sqlalchemy, storm, Axiom
Design skills:	inkscape for vector artwork, wireframes & documentation, Corel painter 10, 11,
GUIs:	XUL, remote XUL, pygtk(libglade), pygame, wxwidgets
Documentation:	Various Wikis, Markdown, RST, DocBook, html, Sphinx, epydoc, twisted.lore
Packaging:	creating .deb packages, setuptools, py2exe
Deployment:	sh/python scripted automation, basic puppet

Development tools: Buildot, Redmine, Trac, RT, GIT, Subversion, Bzr, CVS, Email, IRC Bots,

Team leader/ - Team leader/lead developer on various commercial projects
Project manager: - Various agile methodologies including scrum & XP
- Team assembly: Advertising roles, interviewing & hiring developers & designers
- Continuous integration, continuous delivery
- Tender writing, Business Analyses of client requirements
- Strong ability to interface between business and technical staff
- Solid diagramming/explanation skills

Architecture skills: - Enterprise Architect UML tools
- Enterprise & Solutions Architecture training

Contributions to FOSS:

Pangur (MIT) <https://github.com/pomke/Pangur>
Pangur is a micro-framework for developing web applications in python

pomke.js (MIT) <http://pomke.com/random/js> & <https://github.com/pomke/pomke.js>
Pomke is a Javascript library which implements python-inspired classes with inheritance as well as the concept of modules with loadable dependencies.

Nufox (retired) (LGPL) <http://nufox.berlios.de/> (presented paper at OSDC)
Nufox was a remote-XUL server written in python working with the Mozilla Gecko rendering engine.

References provided on request

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