

## OBJECTIVE

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**Software Developer** with Intellectual Property (patents) experience and a background of 6 years developing Python and Java on Linux. Available to start in Singapore, January 2010.

## KEY SKILLS

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### *Programming*

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- Python: Django, Google AppEngine, Plone, Zope, Jinja2, CGI, PyUnit, LAMP.
- Java: J2EE, Swing, Hibernate, JSP, JUnit, Servlets, Struts.
- Web development: HTML/CSS, Javascript, AJAX, JQuery, Google AppEngine, CGI.
- Writing user and technical documentation. I place high importance on documentation of all projects I work on.
- Other products and technologies: Ant, Subversion, CVS, BZR, MySQL, Postgres, Oracle, SOAP, XMLRPC, Agile development, eXtreme Programming (XP).
- System and unit testing using tools including JUnit and PyUnit. I place high importance on testing in all projects I work on.

### *System Administration*

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- Experience administering Linux, Unix and Windows servers and workstations. Operating systems include RHEL, Fedora, Ubuntu, Gentoo, Debian, SCO, Solaris, Windows 2000/XP.
- Utilise Linux extensively on all my personal computers.
- Experience with managing remote and co-located systems.
- Very capable in several scripting languages including: Python and shell.
- Experience managing many server applications including: Apache, MySQL, Samba, Postfix, Sendmail, Zope, Plone, Tomcat LDAP.
- Experience with the full TCP/IP stack and networking.

### *Open Source*

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- Active in Programming and Open Source communities.
- Contributed towards the iSpheres project.
- Often building personal projects around open source.

### *Intellectual Property and Patents*

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- Extremely knowledgeable on patents and how they relate to software and computers having trained and worked as a Patent Examiner at IP Australia (Australian Patent Office).

## CAREER HISTORY

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### *Norwich Union/Aviva*

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January 2009 - October 2009

#### *Contract Technical Web Developer*

- Django and Python development with an Oracle database.
- Website back-end build for a B2B website for Aviva UK's insurance brokers.
- Website back-end build for aviva.com, the portal website for Aviva International.
- Website back-end build for rac.co.uk, the main website for RAC, the premier motoring body in the UK and an Aviva company.

### *IP Australia, Canberra, Australia*

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2006 - 2008

## *Patent Examiner*

- Examining, searching and accepting patents under Australian law and international treaties.
- Areas of expertise: software, finance, business methods, hardware and electronics.
- Knowledge of how patents and Intellectual Property (IP) applies to software and computers, with a strong emphasis on Open Source software.

## *Creative Computing, Sydney, Australia*

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2005 - 2006

### *Technical Support Consultant*

- Installation and support of Linux/Unix and Windows servers and workstations.
- Support for accounting software and Point Of Sale (POS) systems located on customer sites.
- Communicating with, and rolling out updates to customer sites.
- Building software tools (scripting) to automate administration tasks.
- Testing and debugging software developed in house.

## *Archaeological Computing Laboratory, Sydney, Australia*

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2004 - 2005

### *Software Developer*

- Key member of Open Source project, iSpheres; database middle-ware for use in the humanities.
- Utilised Java, J2EE, JSP, Tomcat, Linux, agile methodology, Eclipse, Ant, Subversion, SOAP, MySQL, Servlets, Python.
- Provided product support across multiple architectures.
- Writing of user and technical documentation and training new users.
- Provided technical support and bug tracking on an existing internally developed GIS (mapping) product.
- Responding to enquiries and negotiating software licensing with new customers.

## **ACHIEVEMENTS**

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### *Norwich Union/Aviva*

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- Built website replacing several legacy sites and added additional functionality. Delivered on time with minimal bugs after deployment which allowed for reduced resources during the warranty period. Received feedback praise from users of the website and company directors on the quality and timeliness of the project.
- Built a replacement international corporate website for a large international insurance company (Aviva). Worked as part of a small team to deliver a high quality product on time and on budget.
- Built a replacement website for RAC, the premier motoring body in the UK. The project enabled the RAC to provide the communication and information tools they desire to their members, customers and the general public. The project recieved praise from all levels of stakeholders in both Aviva and RAC.

## **EDUCATION**

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### *University of Sydney, NSW, Australia*

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2001-2004

- Bachelor of Computer Science and Technology, Majors: Networks and Systems, Software Development.
- Secretary of the Sydney University Sailing Club.

*SCECGS Redlands, NSW, Australia*

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1988-2000

- NSW Higher School Certificate.

## **OTHER QUALIFICATIONS**

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- First aid officer at IP Australia, qualified by St. John's Ambulance Australia to Occupational First Aid Certificate.

## **CONTACT**

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