

# Zenikko Sugiarto

8/473c Neerim Rd, Murrumbeena VIC 3163 – Melbourne, Australia  
(+61) 412039320 / [zsugiart@gmail.com](mailto:zsugiart@gmail.com)

## Summary

---

An accomplished Software Engineer that focuses on successful delivery of software projects through cultivation and application of good engineering practices.

### Key strength:

- *Effective as leader & follower:* understands the importance of governance and discipline on agile development, listens and communicates well, very organized.
- *Proven track record of delivering high quality work:* applying structured, disciplined, and effective Software Engineering practices.
- *Watchful of project gaps and goals:* finds and implement pragmatic ways to bring the team one step closer to the goal.
- *Focuses on value creation* - for the team, company and never lose sight of the higher objectives.

## Skills

---

<b>Domain knowledge and Techniques</b>	<p><i>Software Engineering:</i> Software development, business analysis, project management, build automation and configuration management, design patterns, service oriented architecture, UML, agile development methodology.</p> <p><i>Telecommunication:</i> PSTN (AXE/S12), Wireless, IP network.</p> <p><i>Manufacturing:</i> Supply Chain Management.</p>
<b>Platform</b>	<p><i>Operating System:</i> Unix Solaris, Linux (Red Hat, Ubuntu, Fedora), Windows (XP/Vista/Server).</p> <p>Virtualization: VMWare, SUN VirtualBox</p>
<b>Languages</b>	<p><i>Compiled:</i> Java (J2SE, enterprise); Microsoft .NET (C#, VB); C++</p> <p><i>Interpreted:</i> Python, Perl, JavaScript, Shell scripts (bash)</p> <p><i>Web (Server-Side):</i> Servlet, PHP, ASP.NET, wsgi</p> <p><i>Web (open):</i> JavaScript, HTML, CSS, XUL/XP-COM (Firefox, gecko), XML, XSD, XSLT</p> <p><i>Data:</i> PL/SQL</p>
<b>API, Frameworks, and Products</b>	<p><i>Java:</i></p> <ul style="list-style-type: none"><li>▪ <i>Application Servers:</i> Oracle Glassfish, Apache Tomcat, JBOSS</li><li>▪ <i>Standards:</i> JEE5, EJB3, JPA, JTA, JDBC, JMS and more.</li><li>▪ <i>Frameworks/tools:</i> Struts, Spring, AXIS, Xalan &amp; Xerces, Ant, Maven, JUnit, Hibernate, Oracle Toplink, and more...</li><li>▪ <i>Messaging:</i> JMS, STOMP, <i>Broker:</i> Active MQ, Tibco EMS</li><li>▪ <i>Service:</i> Web service, XML-RPC</li></ul> <p><i>AJAX/Web JavaScript library:</i> JQuery, Mootools</p> <p><i>Python:</i> cx_oracle, Django, PyS60</p> <p><i>PHP:</i> Wordpress</p>
<b>Tools</b>	Eclipse IDE, MS Visual Studio, Rational Rose, R, yEd, Enterprise Architect
<b>Database</b>	MySQL, Oracle, PostgreSQL, MSSQL

## Trainings

---

**May – June 2009** Holmesglen: Business Analysis Fundamentals (Sponsored)

**July 2008** Thomsett Project Management: Essential Techniques. (Sponsored)

## Work Experience

---

### **2006 Feb – 2011 April: Dialog IT**

**Client: Network System Management, Global Network Operations, Telstra**

*Permanent: Senior Software Engineer, IT Consultant - Recommendation letter available on request*

Provides critical contributions to a total of 6 software projects. One in particular receives a highly positive commendation from the Telstra Executive Team: a near real time distributed monitoring solution that provides visibility into a wide range of Telstra networks, used primarily by Telstra Network Operations.

Contributions includes but not limited to:

- Analysis and documentation of existing process, rapid development of pilot application, client liaison and requirement elicitation.
- Refines and apply source versioning policy, build and deployment automation, application release and operational support. Also manages component maturity and releases through planning and roadmaps - balances delivery of tactical and strategic component.
- Investigation, design and development of key architectural components – often assigned to areas of high criticality requiring high level of competence, responsibility and exploratory capability.
- Provided project status report and visibility to both team and project managers through constant tracking of task and issues as well as development build status on each iteration cycle.
- Quality assurance through design and development of automated regression testing, base-lining result and good control of overall application versioning across various projects.
- Improvement on documentation / knowledge management through promotion of practical use of wiki and issue / task tracking system.
- Coaching / mentoring new members to cultivate their coding, design and overall development discipline. Gather and shares domain knowledge as required, where appropriate.
- Nature of systems includes Network monitoring, data warehousing and workflow automation system, ticketing system, pilot desktop applications for statistical analysis of network data, and more.
- Technology used in these systems are usually not heterogeneous in nature; end-to-end solution design often requires expertise in at least 2 languages or more - including JavaEE, python and Unix shells scripting; runs on distributed Unix/Linux platform (virtual or physical); and requires integration to network elements throughout Telstra's telecommunication infrastructure.

### **2006 Jan – 2006 Feb: Netagi**

*Contract: J2EE Transformation Architect / Development*

- Provided consultation and development to transform Netagi's flagship product (Aplinx) into an enterprise Java system – requirement elicitation, analysis, architecture design and development of the system foundation/framework.
- Provides handover and training to Netagi developers.

### **2005 Feb – 2005 Dec: Lonely Planet Publishing**

*Contract: Software Engineer / Lead developer*

- Development of an in house J2EE proof-of-concept community driven web application for Lonely Planet's journalist, writers, and travelers to collaborate and share their travel information. The J2EE web application uses: Apache & Apache tomcat (mod\_jk), Hibernate, PostgreSQL, Struts and ArcGIS.
- Leads the team on key technical design, choice of technology as well as implementation of core components.

## **2004 Feb – 2004 Dec: ICT centre, CSIRO**

*Contract Work: Software Engineer intern (Developer), UNIX System Administrator*

- Investigated the use of various Enterprise Java open source technology, developed various components for CSIRO research projects (J2EE, C/C++)
- Administers a Red Hat Linux development server to maintain several project websites, wikis, and CVS repositories:

---

## **References**

Direct contact will be provided on request. I have worked extensively with these excellent individuals – they are colleagues who have provided me with mentoring and support throughout my career.

**Peter Gaze**                      Senior Technology Specialist at Telstra

**Paul Sorenson**                Senior System Architect at Dialog IT

**Kevin Payne**                 Senior Project Manager at Dialog IT

---

## **Education, Achievement and Affiliations**

Invited as key speaker for Australian Computer Society Young IT at the Pub event - March 2011

Bachelor of Applied Science: Software Engineering (RMIT university) 2005 - graduated with Distinction

RMIT High achievement award (2005)

Member of RMIT Golden Key International Honor Society since 2002

---

## **Personal Details**

Nationality     : Indonesia

Language       : English: fluent spoken and written, Bahasa Indonesia

Residency      : Australia Permanent Resident (Skilled, Sponsored) since Feb 2007

Interest        : Buddhism, Computer science & engineering, music and art