Resume

PERSONAL DETAILS

Name:	David Zhu (Gong Wang Zhu)
Age:	Born 06/02/1982
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CAREER GOAL

To be challenged. To learn, reflect and adapt.

AT A GLANCE

ⓘ I recently developed a personal website: davezhu.com, which I use as a proving ground for new technologies I'm investigating (currently scala and related technologies). This website could be of interest to you, as the complete source code is available through my github account.

I'm an experienced software developer with over 7 years of experience in the *enterprise java space*. I specialize in bringing value to the business, through the use of *agile*, *test-driven* development, producing highly *performant*, *user-friendly* applications.

I have a strong interest in programming languages (see table below), most recently I have been playing with (and loving) scala. My other interests are on Agile software practices, Continuous Delivery, and High Performance applications.

I have worked in a broad range of business domains – from hotel / travel to finance and retail. I consider myself a good problem solver and communicator.

Paradigms / Development Methodologies	⚐ Agile, XP, Test driven development. ⚐ Continuous Delivery ⚐ OO, Functional programming paradigms
Business Domains	⚐ Hotel, travel (OTA – open travel alliance standards) ⚐ Finance (commodities, high frequency trading, double entry accounting systems) ⚐ Retail, Point of Sale (JavaPOS, OPOS)

Languages	⚼ Java / JEE
	⚼ Scala
	⚼ Groovy
	⚼ Clojure (started experimenting with)
	⚼ Ruby (limited, but enough to write cucumber tests)
	⚼ Javascript / Ajax
	⚼ CSS, HTML, SASS
	⚼ C/C++
Technologies / Frameworks	⚼ JEE (Servlet, JTA, JMS, JAX-RS etc)
	⚼ Spring (2.5, 3), Spring-WebServices, Spring-Security
	⚼ Hibernate (2, 3+)
	⚼ ElasticSearch, Lucene, Compass
	⚼ ExtJS (3, 4), Dojo Toolkit, jQuery Ajax frameworks
	⚼ Cucumber, Junit, EasyMock, Mockito
	⚼ Apache CXF, Apache Axis,
	⚼ REST, SOAP
Tools	⚼ IntelliJ IDEA
	⚼ Eclipse
	⚼ Jenkens (Hudson)
	⚼ GIT, SVN, CVS
	⚼ Maven, SBT (Simple Build Tool), Ant
Servers, Databases	⚼ Glassfish, Tomcat, Jetty
	⚼ OpenMQ
	⚼ Oracle
	⚼ MySQL
	⚼ CouchDB
	⚼ Neo4J
	⚼ PostgresQL
	⚼ H2
Analysis, Design	⚼ Use Case Analysis
	⚼ Object Oriented Design
	⚼ UML

EMPLOYMENT HISTORY – SOFTWARE DEVELOPER

2011 NOV – Current **Company:** **WOTIF.COM**

Position: **Contractor (Senior Java Developer)**

This is my second stint (see 2005 – 2009 period below for my 1st stint) at this unique workplace. As a contractor and someone who has detailed knowledge of their existing systems, I stepped straight into a position to lead a team of 4 contract devs to design and implement an external search API for integration partners. Apart from the normal project work, I have also been involved in pushing for more rapid releases and implementing **Continuous Delivery** practices.

2012 Aug	***Continuous Delivery Study Group***
	An out of work hours study group was formed, based on the continuous delivery book (Jez Humble) for implementing Continuous Delivery at WOTIF.COM. I was the chapter leader for the chapter on test automation.
2012 August – 2012 Aug *Team: Accom*	***Project: PCI Compliance*** Implement PCI compliance. High pressure environment, fixed deadline
2011 NOV – 2012 Aug *Team: Accom*	***Project: WotSearch – Inventory Search API for external partners (Phase I)*** Integration project providing a very performant search API for external partners to retrieve aggregated inventory from WOTIF.COM.

Main Technologies used:
- Java, Jersey, Spring, Jackson, CouchDB, ElasticSearch, Cucumber

Notable Achievements:
- 100% unit test coverage.
- Two fold performance improvement over old system.
- Comprehensive Cucumber acceptance tests, automating builds, moving towards the Continuous Delivery goal.

2010 OCT – 2011 OCT **Company:** **Flight Centre Ltd**

Position: **Senior Developer**

2011 APR – 2011 OCT	*Project: Quicktrip (flights search / booking system)*
Team: JET	*Main responsibilities:*
	⌁ Technical lead
Team Leader: George Pappas	⌁ Design, implement both front-end ajax UI (using ExtJS) and backend flights search / booking services.
	Main Technologies used:
	⌁ ExtJS, Spring 3 (MVC, Spring RESTFUL Web Services, Apache CXF), Hibernate 3.6, Maven, Oracle SQL/JDBC
	Notable Achievements:
	⌁ Extracted monilithic system into modules, mavenized project,
	⌁ Greatly simplified system design,
	⌁ Implemented and received very positive feedback from business about the new intuitive UI.
	⌁ Mentoring junior developer
2010 OCT – 2011 OCT	*Project: CORE (enterprise employee / business directory)*
Team: DASH	*Main responsibilities:*
	⌁ Technical lead
Team Leader: Ross Hellings	⌁ Design, implement 'CORE' – a greenfield enterprise-wide employee / business directory.
	Main Technologies used:
	⌁ ExtJS, Jersey, Spring 3.5 (MVC), Hibernate, ElasticSearch, Maven, Oracle SQL/JDBC
	Notable Achievements:
	⌁ Created the very first maven project in FlightCentre – this maven project is now used as templates for all new projects.
	⌁ Setup continuous integration (using teamcity), checkstyle, clover, coding standards
	⌁ Converted old db schema to Hibernate. integrated **ElasticSearch** for distributed search abilities, and its free form json schema support.
	⌁ Mentoring of mid/junior developers.
	Project: QWIC (financial accounting system)
	Main responsibilities:
	⌁ Implement new features
	⌁ Fix bugs
	Main Technologies used:
	⌁ Spring, Hibernate, Oracle SQL/JDBC

2009 SEP – 2010 AUG	**Company:**	**POD Entertainment Pty Ltd.**
	Position:	**Proprietor**
2005 MAY – 2009 AUG	**Company:**	**Wotif.com Ltd.**
	Position:	**Java Developer.**

I have been actively involved in bringing to life the many projects that supported the tremendous growth at WOTIF.COM – from projects such as integrating with The Accor Group to sell their entire inventory on WOTIF.COM, to implementing *PCI compliance* using *HSM* encryption, to pushing WOTIF inventories to sell at various websites / companies that it acquired (e.g. lastminute.com, asiawebdirect). This place is where my programming career blossomed, where I learnt how to develop great software, where I worked with a group of very gifted people. A truely unforgettable experience !

2005 JAN – 2005 APR   **Company:**   **Lithoart Pty Ltd, Brisbane Australia.**

                                             Position: **Java Developer Contractor**

EMPLOYABLE ATTRIBUTES

- Creative / Innovative
- Passionate
- Self learner
- Excellent communicator
- Proactive with a positive "Can Do" attitude.
- Responsible, hardworking
- Fluent in Mandarin

EDUCATION

1995 – 1999 2000 – 2003	**Graduate, Brisbane State High School** **Bachelor of Information Technology, Griffith University Nathan Campus**

Majors: 1). Software Engineering
                      2). Computer Science

Key subjects:
- Information Technology Project (One year long external client project using Java/JSP/Servlet, see "Projects History") (Award: **Distinction**)
- Programming Languages & Paradigms (Award: **High Distinction)**
- Software Architecture (Award: **Distinction**, 6)
- Computer Communication & Networks (Award: **High Distinction**, 7)
- Operating Systems (Award: **Credit**, 5)
- (Award: **Distinction**).Accounting Principles (Award: **Credit**)
- Business Statistics (Award: High **Distinction**)
- International Business (Award: **Credit**)

REFEREES

- Danny Williams (General Manager - IT) – WOTIF.COM
- Matt Cheers (Senior Developer) – WOTIF.COM

They can be reached through WOTIF.COM's main phone number.