Resume

PERSONAL DETAILS

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CAREER GOAL

To be challenged. To learn, reflect and adapt.

AT A GLANCE

ⓘ You can find out more about me at davezhu.com.

I'm an experienced software developer with over 7 years of experience. I specialize in *agile*, *test-driven* development of high *performance*, *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)**

2011 NOV – Current

Team: Accom – CT Partner Integrations (team of 3 contract devs, 1 tester, 1 BA)

Project: CT External Partner Integration (Phase I)

Integration project providing public search API for external partners to retrieve inventory from WOTIF.COM – this project is a catalyst for moving towards a new (simpler) architectural platform.

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

Notable Achievements:
- 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

Team: JET

Team Leader: George Pappas

Project: Quicktrip (flights search / booking system)

Main responsibilities:
- Technical lead
- 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 (similar to hipmunk.com),
- Mentoring junior developer

2010 OCT – 2011 OCT Team: DASH Team Leader: Ross Hellings	**Project: CORE (enterprise employee / business directory)** *Main responsibilities:* ⚔ Technical lead ⚔ Design, implement 'CORE' – a greenfield enterprise 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 2, Hibernate 2.5, Oracle SQL/JDBC

2009 AUG – 2010 OCT   **Company: POD Entertainment Pty Ltd.**

                            Position: Proprietor

2005 MAY – 2009 AUG   **Company: Wotif.com Ltd.**

                            Position: Java Developer.

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
- ⚔ Alex Edwards (Senior Developer) – WOTIF.COM

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

- ⚔ Ross Hellings (Team Leader) – Flight Centre Technology (DASH team)
  Email: Ross.Hellings@flightcentre.com.au

- ⚔ George Pappas (Team Leader) – Flight Centre Technology (JET team)
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