G A V I N M A C H

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SUMMARY

A proficient developer with over 12 years experience in developing Web Applications and Java Enterprise applications.

To pursue a rewarding role that utilizes my extensive IT experience, skills and passion for software and web development. I have great technical skills but also good ability to relate with the business and understanding user requirements.

CAREER SUMMARY

Australian Broadcast Corporation	Front End Developer	May 2013 – Current
Various freelance projects	Web Developer	Jan 2013 – May 2013
Australian Bureau of Statistics	Front End Developer	Jan 2012 – Dec 2012
Thomson Reuters	Web Developer	Oct 2010 – Jan 2012
Various freelance projects	Web Developer	Jul 2009 – Sep 2010
Sinclair Knight Merz	Java Developer	Jun 2008 – June 2009
Commonwealth Bank	Java Developer	May 2004 – May 2008
Merck Sharp & Dohme	Web Developer	Aug 2003 – Jan 2004
BEA Systems	Java Developer	Dec 2000 – Jan 2002
Sydney Water	Web Developer	Jul 1998 – Nov 2000

SKILLS SUMMARY

Technology Skill	Years Exp	Last Used
HTML5, XHTML	12	current
CSS2, CSS3	12	current
JavaScript, AJAX, DOM, JSON	12	current
JQuery	3	current
CMS (WordPress, LifeRay)	2	current
LAMP (Linux/Apache/MySQL/PHP)	2	2011
Java core	10	2012
J2EE (JSP, Servlets, EJB,JSF, JAXP, JMS, JAX-WS, JAX-RS, JPA, JDBC)	8	2012
Spring 2.5, Spring 3.0 core, MVC	2	2012
XML (XSLT, XPath, XSD)	12	2012
Web Services and SOA (SOAP[JAX-WS], REST[JAX-RS])	4	2012
MVC Frameworks (Struts, Spring MVC)	4	2012
Hibernate ORM (HQL)	10 months	2012
Testing (JUnit, Mockito,Selenium)	12	2012
SQL (PL/SQL stored procedures)	12	2012
Build (Ant / Maven 2 and 3)	7	2012
Source Control (Git / SVN / CVS)	12	current
ASP	1	2004
Unix (Linux, Solaris, shell scripts, Perl)	9	2011
DB2	3	2008
Oracle	6	2012
SQL Server	4	2011
MySQL	1	2011
JBoss versions 3, 4, 5 and 6	8	2012
WebSphere Server	4	2008
TomCat Server	5	2011

WebLogic Server	1	2002
Eclipse IDE + MyEclipse	6	current
UML (Rational Rose)	4	2009

PROFESSIONAL EXPERIENCE

Front End Developer   **Australian Broadcast Corporation**   May 2013 – current
Contract. 6mths   www.abc.net.au
- Front end development of ABC Splash Website. Developed Splash Playlists which is a web application to allow users to maintain a playlist of their favourite videos and audio content. This was built using Knockout framework.
- Developed ABC Zoom website which provides a landing page for a HTML5 based game primarily aimed at year 9 and 10 students to bring back the fun in science learning. Used JQuery to provide logo animations and special effects.
- Developed Splash LiveStream to allow live video streaming of upcoming interview events with special guests. This uses SASS and Compass to provide a lightweight CSS solution.
- Technologies include HTML5, CSS3, JavaScript, JQuery, Knockout Framework, Sass, Compass, Modernizr, Twitter BootStrap, LifeRay CMS, Java, J2EE, Spring, MySQL, Linux, Confluence, JIRA, BitBucket, Git, Agile Sprints.

Web Developer   **Various**   Jan 2013 - May 2013
Freelance
- Maintained and develop some project websites using HTML5, CSS3, JavaScript and JQuery. This would involve converting PSD designs to hand-coded HTML using table-less layouts with custom divs or 960GS.
- Investigated and fixed various JavaScript/ JQuery bugs in user blogs.

Front End Developer   **Australian Bureau of Statistics**   Jan 2012 – Dec 2012
Contract. 1 yr   www.abs.gov.au
- Web development for a project called Metadata Repository and Registry (MRR) to provide a uniform repository for managing different standards of statistical metadata such as DDI & SDMX. This was published as a set of SOA services providing CRUD operations to any piece of metadata.
- Developed web application using HTML5, CSS3, JavaScript and JQuery for extensive AJAX requests to test the backend REST services. This included prototyping from sketches of a screen, splicing images using Photoshop, designing layout, administering styles, event and effects handling with JQuery, and cross browser testing.
- Agile SCRUM was used with stand-up meetings, code reviews, sprints, TDD and Continuous integration with Hudson. We used JIRA for managing the tasks in the sprints.
- Backend made with REST Web Services via J2EE, JBoss, Oracle, Hibernate, Maven, SVN.
- Mentored permanent staff on jQuery and developing from prototypes.

Web Developer   **Thomson Reuters**   Oct 2010 – Jan 2012
Contract. 1 yr 4 mths   www.thomsonreuters.com.au
- Web development and support of Thomson Reuters suite of online products for the legal publishing industry. These were all web applications enabled through their Legal Online web portal.
- The Legal Online portal built from HTML, CSS, JavaScript, JQuery which interfaced to various backend applications for the business.
- Performed the full spectrum of web development tasks, including mockups with wireframe sketches, Twitter BootStrap for rapid prototyping, design and layout, graphics creation and optimization, writing clean HTML5 semantic markup, keeping CSS styles lightweight, server-side programming using J2EE, AJAX interactivity using JQuery, cross-browser / platform testing and W3C compliance.
- backend development of Journals application using LAMP with Git repository.
- Mentoring both permanent and off-shore team members on the applications support and training.

Web Developer   **Various**   Jul 2009 – Sep 2010
Freelance. 1 yr 4mths
- Maintaining some websites written in WordPress including uploading static content into WordPress and working with custom templates and plugins.
- Developed some landing pages written with HTML5, CSS3, JavaScript and jQuery. Used media queries for adaptive designs, style resets and applying SEO meta-tagging.

Java Developer   **Sinclair Knight Merz**   Jun 2008– Jun 2009
Contract. 1 yr   www.skm.com.au
- Applications development and support for global helpdesk operation servicing applications written in Java (Swing, applets, JSPs, Servlets, Web Services, XML, SOAP, and Oracle) and Microsoft Technologies (.NET, VB, SQL Server).

- Development of Helpdesk tool written entirely in Spring Framework 2.5 and Hibernate.
- Documenting coding guidelines and resolution to issues on wiki pages.
- Mentoring junior developer on development practices and techniques.

Java Developer   **Commonwealth Bank**   May 2004 – May 2008
Permanent. 4 years 1 mth   www.comminsure.com.au

- Java development of major project to deliver web enabled workflow system using *FINEOS Front Office* to handle insurance claims for the *CommInsure* line of products.
- Involved in agile processes using XP programming such as TDD with JUnit and CruiseControl for Continuous integration and building.
- Technologies used include *Eclipse IDE, DB2 Database, Maven* and *Ant* for builds, *TomCat Server* for development and deployment in clustered *WebSphere 5.1 J2EE Server* with various environments including DEV, UAT and Production running on *AS400*. The system interfaces with *I90* registry system used as data truth of client policies data for general insurance via *FTP* and *JDBC* and also uses *MQ* messaging to interface with a *Life400* registry system used for life insurance policies.
- Collaborated with business analysts on documenting *UML* diagrams(use cases, class, sequence)
- Committed to all major software releases by working outside core hours to meet deadlines.
- Mentoring new developers on design and development guidelines.

Web Developer   **Merck Sharp & Dohme**   Aug 2003 – Apr 2004
Contract. 9 mths   www.msd-australia.com.au

- Web development to implement the web front end of a workflow system designed for the Human Resources department. The development consisted of *XHTML, CSS, JavaScript, XML, XSLT* and *ASP.Net* on server side with SQL Server database.
- Utilized hand-written JavaScript, CSS and HTML with an emphasis on performance, scalability, and a positive user experience

Java Developer   **BEA Systems**   Dec 2000 – Jan 2002
Permanent. 1 yr 2 mths   www.bea.com

- Development and deployment of J2EE applications on external client sites. This included hands on coding with client modules written using J2EE technologies such as *EJBs*, *JSP, Servlets, JMS, XML/XSL, JDBC*, JNDI, JAXB, and JAXP.
- Provided technology expertise in the sales process for Inside Sales representatives to qualify leads and generate revenue. Was instrumental in winning over many new prospects through consulting with developers and management, for software configuration and deployment of BEA WebLogic Server, troubleshooting, responses to tenders and technical presentations.

Web Developer   **Sydney Water**   Jul 1998 – Nov 2000
Permanent. 2 yrs 5 mths   www.sydneywater.com.com.au

- Web development of a number of database driven web applications to manage Y2K compliance for various backend legacy systems. Web pages coded in *Cold Fusion* together with *HTML, CSS, DHTML* and *Javascript.* DreamWeaver was used for the IDE.
- Built, secured and maintained large parts of the corporate intranet site using proprietary CMS solution

EDUCATION

Graduate Diploma of Applied Finance and Investment *Securities Institute (SIA)*   2003
Bachelor of Computing Science *University of Technology Sydney*   1999
Developing Applications using J2EE Core Technologies *BEA Systems*   2001

REFEREES (ALL VAILABLE UPON REQUEST)

Richard Wong	Development Manager	Australian Broadcast Corporation
Stuart Girvan	Development Manager	Australian Bureau of Statistics
Jason Marine	Development Manager	Thomson Reuters
Roberto Leon	Development Manager	Sinclair Knight & Merz
Gopal Ramasamykone	Development Manager	CommInsure