Jason Whatson

Software engineer - Web & Mobile development, cloud computing : Sydney, AU;

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Overview

Objective:	Seek a mid-snr contract or full time role in the area's of mobile app development or web development. I strive to help companies succeed with their business goals using my diverse experiance and skill set. My long term goal is to be a Chief Technology Officer of a successful company.
Personal:	■ DOB: June 13,1986 ■ Nationality: Australian Citizen ■ Australian Computer Society Member
Education:	Diploma of Software development (Distinction), TAFE NSW Ourimbah Campus (2006)
Interests and activities:	Computer Graphics & Sound, AFL, Electronics, Surfing, Poker and Guitar
Awards:	2004 - Certificate of Merit, for highly commendable effort and achievement. 2002 - Substantial and high results in 2002 Intel young scientist awards. 1999 - AFL Terrigal/Avoca Club coaches award.

Work Experience

iOS and Android app dev Various periods in 2011, 2013 and Sept 2015 - Current
Developer and Founder

Key functions & achievements:

■ 4.5 star app with over 100,000 downloads and over 2.2k 5 star ratings on Andoid
■ Develop both native iOS (Swift) and Android (Java) apps
■ Product concept, strategy, user experiance, user interface design, coding and product launch
■ 'Serverless' and scalable backend architecture on AWS
Technologies used: Golang, MongoDB, Android & Android Studio 2, Postgresql, Swift, iOS / Xcode / Swift, AWS Lambda, AWS API gateway, AWS SES, AWS Cognito, AWS SNS, Realm.io

More info: http://app.continualsuccess.com

LS Travel retail March 2014 - Sept 2015
Senior I.T Developer

Key functions & achievements:

■ Technical lead for eCommerce site with 10's of millions dollars in revenue - www.aeliadutyfree.co.nz
■ Having a successful online ecommerce business with AKL airport was key to the company winning the tender for physical duty free stores worth 100's of millions per year
■ Continually add features and functionality with zero downtime, outages or bugs in production
■ Automation of infrastructure deployment and DevOps via Ansible
Technologies used: AWS, Ansible, Nginx, MySQL, Apache, PHP, GIT, C# MVC, Angular JS, Gitflow, CentOS

More info: http://www.aeliadutyfree.co.nz/

Cosmos Media February 2012 - March 2013 (all staff were made redundant)
Enterprise systems and Web Developer

Key functions & achievements:

- Re-launch the cosmosmagazine.com website (the magazines website)
- Determine system and functionality requirements from the editorial and business teams; generate appropriate documents from these requirements
- Write, test and debug code in the PHP, Javascript, CSS and HTML languages leveraging Wordpress as the Content Management System
- Architect a infrastructure (hardware) and software solution using Wordpress as a CMS and Amazon Web Services (cloud computing) as the Web host
- Engineer and develop a secure authorisation system for iPad magazine subscriptions
- Research and implement a Multi-currency payment gateway solution with e-commerce software
- Optimise website for ipad, tablet and mobile platforms
- Implement automation of magazine subscriptions tasks through various methods including sending programmatic emails to new subscribers
- Extend base functionality of Wordpress through development of plugins
- Other various roles and tasks including: Lead project management, test system performance, coordinate project meetings, implement SEO solutions, and administrate servers.

Technologies used: Wordpress, Drupal, Apache, HTML5, CSS3, SSL/https, Linux, MySQL, Memcached, jQuery, DNS, Apache bench, CDN, Weekly newsletter template, Load balancing and Horizontal scalability, AWS technologies used (Elastic beanstalk, Ec2, RDS, Elasticache,SES, Cloudfront, S3, DynamoDB)

More info: http://www.cosmosmagazine.com/

Hub Systems 6th May 2008 - August 2010
Web developer

Key functions & achievements:

- Maintain and develop online freight booking and management applications
- Administrate Linux and Unix servers and systems
- Implement a internal company documentation system
- Administrate sendmail and user accounts
- Dynamically generate freight labels in Postscript and Adobe PDF
- Implement code to interface to 3rd party API's and services
- Write and schedule server tasks and daemons
- Write code and systems as required by specifications
- Answer customer support phones and analysis and fix customer problems
- Discuss and analysis requirements/problems with clients

Technologies used: Apache, PHP, MySQL, HTML, CSS, Javascript, Subversion, Netbeans, Jquery, Media Wiki, Xdebug, Firebug, Redhat/Centos linux, Bash scripting, C, Postscript, XML, JSON

More info: http://www.hubsystems.com.au/

ACE Insurance 19/02/07 - May 2008
Analysis Programmer

Key functions & achievements:

- Maintain and develop Mobile phone insurance, Credit card insurance, and Travel insurance internal processes, code and systems
- Maintain and develop insurance web applications and their online payment systems
- Maintain and develop internal web applications
- Develop reports for managers and business
- Administrate system servers
- Analysis and fix production issues promptly
- Analysis business requirements and needs
- Re-write legacy system code
- Securely interface data with internal and external systems and companies
- Write and schedule server tasks and daemons
- Test and document written code
- Design database schema's and refer to schema documentation
- Refer to system documentation
- Process batch and online transactions though systems.

Technologies used: ASP.net, C#, VB.net, VB6, IBM DB2, MS SQL 2005/2000, HTML, JavaScript, SSL, PGP, CSS, DTS, SSIS, Visual studio 2003/2005, Windows server 2000/2003, VB script, C, Rexx, Cobol, Batch script, Expect

Technical knowledge and skills

Languages

Proficient in: Swift, PHP, Java, C#, Visual basic.NET, JavaScript & DOM, Golang, CSS, HTML5

Familiar with: BASH scripting, XML, Batch scripting, Visual basic 6, BASIC, Perl, REXX, COBOL, C, C++

Databases & Data stores: Postgresql, MongoDB, Redis, MySQL, Microsoft SQL 2000/2005, IBM DB2, Sqlite, Microsoft Access, Realm.io

Source Code Control: GIT, CVS, Sub Version, Visual SourceSafe

Operating Systems: Linux (Red Hat / CentOS, Debian), UNIX (Advanced - BSD,SCO), Windows All versions)

Libraries and Frameworks: Angular.js, JQuery, .Net versions 3.5 ,2 and 1, ADO.NET, Crystal Reports, java.sql, java.net, java.awt/swing, SDL, The STL, Sockets / WinSocks

Scaling technologies: Load balancing, Varnish (reverse proxy), Memcached, 'Serverless' and Micro services architecture', Ansible

Web MVC frameworksASP.NET MVC, Revel (MVC Golang framework), Familiar with Ruby on Rails, Familiar with Yii (Yes It Is - MVC PHP framework)

Architectures: x86 32&64, limited mobile architectures

IDE / Debugging experience: xCode,Eclipse, Android studio 2, Netbeans 5+, Visual studio 2003/2005

Tools: Chrome debugger, Strong Adobe Photoshop graphics skills, Expect, Tar/gzip, Cron, GIMP, gcc, ssh, Telnet, VI as well as most UNIX commands/tools, MS Visio, MS project, package managers, Wireshark, MS DTS/SSIS, Sketch - UI designer

Amazon Web Services Cloud technologies: EC2, Elastic Beanstalk, Lambda, S3, RDS, ElastiCache, Familiar with DynamoDB, VPC, Route 53, CloudWatch, Cognito, Simple Notification Service, API gateway, SES, iOS SDK, Android sdk

Advanced topics: Threading, Recursion, Polymorphism / Generics, Bitwise operations, Data structures, Custom Events and Exceptions, File IO (Binary & ASCII), A good understanding of Object Oriented Design, Advanced Wordpress, Concurrency and Parallelism

Professional assets

- Practical & pragmatic problem solving skills
- Strong ambition for meeting deadlines
- Proactive thinking
- Leadership skills
- Highly self motivated / Goal Driven / Result Oriented
- Lateral Thinking
- Ability to adapt to changing trends, technology and general working environments - I've been described as an quick learner
- Excellent communication / Interpersonal / Social skills
- Strong judgment
- Strong will to learn and adapt
- Desire for practical perfection
- High level of creativity
- Persistent
- Able to work and make decisions under pressure.

Other industry experience

Manufacturing software - 2006

In the second half of 2006 I designed and implemented a new manufacturing software system for Powerbox Australia (http://www.powerbox.com.au/) and moved their old text based flat file records into a MS SQL server database. This system solves previously huge problems with stock inventory control (maintaining records of correct stock quantities which is now fully automated), limited reporting functionality and hard to use UI. Technologies used: MS .NET, WinForms, Crystal Reports and MS SQL server 2000/2005

Technologies used: MS .NET, WinForms, Crystal Reports and MS SQL server 2000/2005

References

Provided on Request