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Profile

Front-end Web Developer primarily involved in jQuery/JavaScript development with HTML5/CSS3 and emerging W3C standards. Proficient in Node.JS and Backbone/Marionette application development, with good knowledge of several other key web languages and frameworks, including PHP and Python. Also adept at both *nix and shells, including many command line oriented tasks and associated commands.

Key skills

- Experienced in both individual and team work in a variety of small office and corporate settings.
- Highly proficient in a range of languages and frameworks including:
 - HTML5, CSS3, JavaScript, Python, PHP, MySQL, MongoDB
 - jQuery (+UI, Mobile), Backbone, Backbone.Marionette
 - CoffeeScript, LESS & SASS, Jade
 - Express.JS, Wordpress, Magento (eCommerce)
 - WebSockets and Server-sent Events
 - Grunt and Brunch.io build tools (and accompanying plugins)
- Experience in multiple testing frameworks and writing tests for:
 - Selenium and Selenium Grid, for distributed UI testing across multiple OS/browsers
 - Mocha and QUnit frameworks for unit testing
- Working knowledge of multiple back-end technologies
 - o Node.JS run-time environment and related modules
 - Apache2 and Nginx HTTP servers
 - o Couchbase and Redis servers
- Fluent in Git, Subversion, and Bazaar version control systems
 - \circ $\;$ Active open-source contributor via GitHub project hosting
- Intricate understanding of both basic and complex software principles and lifecycles.
- Adept at both Linux/Unix and Windows shell environments
- Good understanding of Adobe Photoshop and Illustrator tools
 - \circ $\;$ Also experienced in the open-source GIMP softwre.
- Experienced in producing and delivering presentations

Qualifications

- First class Honours, Master of Engineering in Electronic and Computer Engineering, from Newcastle University.
- 3 A-Levels in Computing (A), Electronics (A) and Biology (B).

Selected achievements

- Freelance developer for over 7 years, involved in both front-end and back-end projects covering several languages, including enterprise-grade application development.
- Contributor to official jQuery UI Tooltip specification via my work with my open source plugins.
- Creator and active maintainer of multiple jQuery plugins:
 - qTip Popular choice for tooltip implementations, featuring rich API and stylish defaults.
 Over 35K downloads since 2009, with active support presence and development.
 - Simpletip Simplistic predecessor to qTip, for bare-bones implementation of tooltips. 8K downloads since 2009,
 - ElbowJS Creates elbow-joints using pure CSS and JS, no SVG required.
- Consulted and lead development of a web-based application for the Syngenta Corporation using their emerging agile development strategy.

Additional achievements

- Plugin featured in Smashing jQuery book (2011) Original qTip 1.0 plugin
- Developed multiplayer HTML5 Asteroids clone as subject of my First-class University dissertation
- Produced extended course material for Newcastle University's Web Site Management and Design course, as part of a graded collaboration between the CS and Electronics schools.

Career history

Web Developer Eturnity Start-up Front-end Development Consultant Syngenta Web Developer Eutechnyx Front-end Web Developer Freelance July - August 2013 September - October 2012 January 2011 - **Present** April 2008 - **Present**

Charity and volunteer history

Fundraiser Teenage Cancer Trust

November 2012 - Present

Leisure interests

- Maintaining and providing support for my open source products and plugins
- Keeping up on recent security and web related news, especially upcoming standards
- Socialising with friends and family
- Reading and watching a variety of topics, specifically science based media
- Prior member of Newcastle University's Skydiving club

Additional Information

- Accommodating to both short and long-term contracts. 7
- Located in central Newcastle, with extensive access to transport to surrounding areas