Kate Butler

Full stack web developer and API geek looking for friendly teammates, challenging software projects, and long walks on the beach. I have professional experience in PHP, JavaScript and Java development and thrive in small to medium-sized teams where I can get my hands dirty with a variety of tasks.

Likes: PHPStorm, object-oriented programming and marathon debugging sessions.
Dislikes: breaking the build, poorly-named variables and Internet Explorer.

Employment History

Freelance PHP Developer   **2012 - present**
Short-term contracts or small projects in a variety of PHP frameworks, including Laravel, Symfony, SilverStripe, Ruby on Rails and WordPress.

PHP Developer – Website Travel – Queenstown/Remote   **2013 - 2017**
- Working remotely with a team of developers in three different countries
- Back-end and front-end development for enterprise-scale SaaS web application with 300+ database tables (PHP, Symfony2, Backbone.js, mysql, nginx)
- Built new RESTful API for operators to manage their products and allocations
- Developing integrations with a variety of reservation system APIs
- Sharing a rotating tech support/build and release master/"bug munching" role with other senior developers
- Primary responsibility for support of operator and agent APIs
- Peer review of team members' code to maintain our rigorous standards for clean, well-factored, easy to maintain code
- Maintenance of legacy Java and SilverStripe 2.4 applications

Java/PHP Developer – Magic Memories – Queenstown   **2010 - 2012**
- Back-end and front-end development on PHP web applications
- Speed up existing desktop software by utilising the Java concurrency library
- Maintenance and development on corporate website in SilverStripe and WordPress
- Introduced unit testing to PHP projects and extended coverage on Java code base

The software team at Magic consisted of between 1 and 3 developers, so at times I was also chief test analyst, DBA, build master, business analyst and pizza eater.

Java Developer - Business Intelligence System Solutions – Wellington 2008 - 2009
- New feature development on a J2EE data visualisation app
- My favourite tasks involved our dynamic SQL generation engine which supported SQL Server, Oracle and Teradata. Thus began my ongoing love affair with ORMs!

Kate Butler – full stack web geek
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Technical Skills

Back-end web development
I'm right at home on the LAMP stack, with particular expertise in:
- Writing well-factored, object-oriented PHP code
- Designing and developing RESTful APIs and consuming third-party APIs
- Payment solutions, including DPS, ANZ eGate and Stripe
- The Symfony2 framework and Doctrine2 ORM
- Some commercial exposure to other PHP frameworks including SilverStripe 2.4, Laravel, and Slim

Front-end web development
Although I have more experience in the back end, I am a lady of many talents and I have also won a few battles against these worthy foes:
- Plain ole vanilla JavaScript, jQuery, and object-oriented JS with Backbone.js
- Functional programming with the superb underscore.js library
- HTML, CSS, Bootstrap and the LessCSS preprocessor

Java development
Web and desktop Java applications, especially the java.util.concurrent, javax.print and javax.swing packages.

IDEs: PHPStorm, Eclipse   **Version Control:** Git, SVN

Qualifications

- Bachelor of Science (Computer Science) – Victoria University of Wellington, 2007
- Sun Certified Java Developer (J2SE 6) – 2009
- A variety of MOOCs covering topics including Ruby on Rails, Python, Android, Google Analytics, SEO, content writing and online advertising

Other Achievements

- I've competed in dog agility for 20 years, and had great success at the nationals in 2003, 2007 and 2010.
- South Island representative on the NZ Kennel Club Agility Committee from 2011 to 2013. Former President of Wakatipu Dog Agility Club, currently instructing and serving on the committee at South Canterbury Dog Training Club.

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