Stephen Brown
Senior Software Developer

Wanaka, New Zealand | +64 212 811 776 | email.sbrown@gmail.com

Web development expert, who thrives in an agile, continuous integration, test-driven development environment. Particularly keen on optimising back-end systems and improving customer experience. Strong experience integrating, and developing third-party APIs. Proven ability to both implement and take the lead in remote agile development teams. Coordinates effectively with all stakeholders throughout the product development life cycle. **Organised. Reliable. Quick Thinking.**

Experience

Adventium - Senior Full Stack Developer

https://adventium.tech

January 2019 - Present

Adventium purchased Website Travel (www.websitetravel.com) whom I worked for for four years and I was invited back. With new ownership and new ideas this has been an exciting time. Much of my work has been familiar from previous years but with a real push to lead new integrations to generate new business. To date I've implemented new connections with:

- Merchant Warrior (payment solution)
- Hotelbeds
- Greyhound Buses
- Ibis Tourism Management

I've continued to lead and be involved in planning and specifications of tasks for other developers and mentor them as required. I try to both personally and collectively champion within the team the value of writing clean, easy to read code that is backed up by automated test solutions. Day to day I'm also heavily involved in investigating and resolving critical issues around reports, orders and investigating the money trail. This involves a high-level understanding of the underlying database and business processes and being able to navigate through that.

With a distributed (mostly remote) team across Australia, New Zealand, South-East Asia and India we collaborate daily using Microsoft Teams.

The stack here is PHP (Symfony), MariaDB, Backbone and LESS front-end.

Mighty Ape - Senior Software Developer
www.mightyape.co.nz

Back to my roots with Mighty Ape, where my role was primarily focused on implementing some of the more complex tasks within the development team. Employed to take some of the load off the existing/long-standing senior developers. The stack here was: Symfony3 (w/ Propel), LESS, raw JS + jQuery and MySQL running on AWS. We collaborated primarily using Slack and the Google Business suite. My highlights included:

- Implementing from the ground up a complete Test suite, and thus encouraging change to a TDD environment. Previous to this, there were no unit tests at all. I continue to be responsible for this and it's evolution.
- Introduction of *Afterpay* as a payment option for customers. This involved integrating with the Afterpay API into Mighty Ape systems, including: orders, payments, fulfillment and refunds.
- Allowing customers to purchase 'Digital Products'. Mighty Ape is introducing the concept of these types of products that are delivered electronically. They include items such as: gift vouchers, electronic games etc. This project required many fundamental changes to the underlying codebase and business rules to support a completely new type of product.

Website Travel - Development Lead
New Zealand, Software Engineer
www.websitetravel.com

One of my most challenging roles, I was appointed to recruit and develop a New Zealand team of developers. The software Website Travel develops and maintains, services upwards of 500 Agents, 2,500 operators and 17,000 products to locations in Asia-Pacific and Europe. This software not only sells products, but keeps track of and manages payments and invoices to all agents/operators using the system across various currencies.

I lead and manage a team of eight, composed of developers from New Zealand, Australia and India. Our stack is: Symfony2 (w/ Doctrine), Backbone.js, MySQL, LESS. My primary achievements whilst working at Website Travel include:

- Improving on the Scrum methodology already in place and including a team working on an alternate Kanban methodology.
- Implemented coding standards (PSR), peer reviews (GitHub) and a new Git branching workflow.
- Greatly improved communication and understanding between stakeholders, product owners and developers across teams and locations.
- Support and development of a RESTful API, for external use. As well as being primary development lead on integration with external API's including Virgin & SiteMinder using JSON and XML based resources.
- Enforcing a TDD approach to day-to-day development by all team members.
- Primary development of a bonus based system for all travel agents with varying/configurable levels and achievements, that is then automatically exported into third party payroll systems upon the completion of configurable pay periods.
- Constant review and mentoring of team members to improve the standard of the team.

- Improved and implemented documentation standards for new features (from both technical and user point of view).

Vision6 - R&D Team Leader
www.vision6.com.au

October 2010 - September 2012

Promoted to Team Leader, I initiated, lead and implemented a change in product management style to a more Agile methodology of development. Still involved in system and web development from a technical level, I drove and developed UI features as well.

As Team Leader I was expected to mentor other developers and lead project management with key stakeholders. Responsibilities included:

- Continued technical development.
- Regular stakeholder meetings and constant effective communication with all involved.
- Requirements analysis and gathering.
- Translation of product requirements into specifications.
- Regular documentation of product features and manuals.
- Staff training.
- Assisting developers with technical difficulties.
- This was a multi-faceted and challenging role that saw my time split between technical implementation and managing products and leading a team of developers.

Vision6 - Software Developer
www.vision6.com.au

July 2008 - October 2010

Vision6 is a leader in email marketing. As part of a team of 10 developers I developed new features, and maintained existing systems. Dealing with millions of records daily means that the quality and optimisation of my work was paramount. My responsibilities included:

- Large scale back end development and maintenance using PHP and MySQL.
- Subversion control.
- Bug tracking using JIRA.
- Front end design and coding using HTML, CSS, JavaScript and associated design software.
- Quality assurance and product testing.
- Documentation of product changes and communication with other departments to field customer inquiries.

Absoft - Senior Web Developer

As a client facing role, I worked with and communicated with clients daily for a Brisbane software house. During my time here, I used my knowledge of web languages and user interface skills to develop a range of applications including: insurance quoting, e-commerce, data warehousing and stock inventory web applications. This role also included development of new features and maintenance of the in house designed CMS.

BT Projects - Web Developer

2005 - 2006

Red Dot Creative - Web Developer

2004 - 2005

Skills

PHP

Symfony2-4, Laravel 5-6

JS

Backbone.js, Vue.js, jQuery, Underscore.js, Lodash

CSS

LESS, Sass

SQL

MySQL, MariaDB, CLI, Workbench, Raw

Environment

Linux (Ubuntu) primarily. PHPStorm, XDebugger, PHPUnit, Git, GitHub, CLI, Apache, Nginx, MySQL, Jenkins, JIRA, Confluence, Trello, Microsoft Office 365.

Education & Development

Australian Institute of Management
Effective People Skills

May 2012

Scrum Alliance
Certified Scrum Product Owner

July 2011

University of Queensland
Bachelor of Information Environments

Graduated 2003

Interests

- Endurance sports
- Autobiographies & documentaries
- Most outdoor activities

References

Available on request.