

Rob Ingram

A passionate, dedicated and skilled web software engineer and development team leader with a wealth of experience in industries ranging from fast moving consumer goods to education.

Skills

Ruby on Rails 5.x, 4.x	Source control (Git, SVN)
PHP 4/5/7	Server administration, AWS, Docker, Heroku
Silverstripe CMS 3.x, 4.x	Team Leadership
Javascript/jQuery	Written & oral communication
Database design, PostgreSQL, MySQL	Client facing
Automated testing, TDD, BDD	Independent and self motivating
HTML/CSS	Excellent problem solving and diagnostic skills
Magento eCommerce, MVC frameworks	
Stripe payments integration	

Experience

INDEPENDENT CONTRACTOR – 04-2016 - PRESENT, FULL TIME SINCE 02-2017

Main clients:

- VYG Ltd. – 10-2018 – present: Rails 5, PostgreSQL, RSpec 3.x, Stripe, jQuery, Silverstripe 3.x, 4.x, MySQL, GitLab CI. Working on a greenfield Rails app with Stripe Subscriptions integration and Silverstripe projects for national government organisations.
- Christchurch City Council – 02-2017 - present: Silverstripe 3.x (CWP 1.x), 4.x (CWP 2.x), jQuery. New feature design and development for the council's main public facing web site.
- F1 Techware – 04-2016 - 09-2018: Rails 5, PostgreSQL, Heroku, RSpec 3.x, jQuery. Working on three main projects for clients primarily in the advertising industry. New feature design and development. Rails, PostgreSQL and gem upgrades.

BACK END WEB DEVELOPER , KATHMANDU PTY LIMITED – 08-2014 - 02-2017

One of a team of 10 developers working on Kathmandu's large Magento eCommerce and Silverstripe CMS systems. Assumed the main responsibility for the key custom integration layer that manages the transfer of data between Magento and the core Microsoft Dynamics based business systems. Co-leader and chief architect on a major project to extend the integration layer to interface with third party channel marketing systems via SOAP, REST and file APIs. Pioneered unit testing/TDD practices.

TECHNICAL DEVELOPMENT MANAGER , ITAG LIMITED (MAXIM PRINT GROUP) – 01-2014 - 07-2014

Six-month contract leading a small development team working on a large application for the tourism industry and associated projects. Key technologies include PHP, MySQL, CakePHP framework, jQuery, HTML5/CSS3, Bootstrap and Amazon AWS. Amongst my main achievements were the introduction of more agile development practices to the team and improvement of the existing code base.

EMIGRATION

Emigrated to New Zealand from the United Kingdom with permanent residency visa and now a NZ citizen.

ELEARNING DEVELOPER, UNIVERSITY OF NOTTINGHAM – 05.2011 - 09.2013

Development and support of eLearning systems for a world top 100 university. I was primarily a PHP/MySQL developer but was instrumental in refreshing the outdated development practices of the group including the introduction of source control (SVN and later Git), increased object orientation, use of a standard JavaScript library (jQuery) and automating the testing processes with Selenium.

Primary projects included development and enhancement of an existing critical system carrying out online examinations across the university, including the Medical and Veterinary Schools, and a greenfield project to model course curricula using a graph database layer on top of MySQL and feeding data to the university's large scale Moodle installation.

TECHNICAL DEVELOPER, CENTRE FOR RESEARCH COMMUNICATIONS, UNIVERSITY OF NOTTINGHAM – 05.2010 - 05.2011

Providing technical advice and support for the major web-based repository software packages. Extensive interaction with the user community through events, site consultation visits and internet based communication.

DEVELOPMENT MANAGER, EIBS LTD. – 06.2009 - 05.2010

Managed a team of 14 ASP.Net developers and 5 testers in an agile environment (Scrum). Developed company policies on coding, testing and security. Worked closely with the Support Manager to review and prioritise support cases and manage allocation of development resources. Provided a primary technical contact within the organisation for selected clients with greater technical support requirements.

LEAD DEVELOPER, FUSE DIGITAL (NOW BIG COMMUNICATIONS) – 05.2007 - 05.2009

Lead a team of seven developers comprising ASP.Net and PHP programmers, XHTML/CSS build and Flash specialists. Working on high-profile projects for major FMCG and pharmaceutical brands such as GSK (Lucozade), Miele and Remington with budgets of tens of thousands of pounds. Re-formulated the development and QA processes and developed a standardised 3-tier architecture to be used across all projects.

EARLY CAREER

Jupiter Design – Senior Developer/Technical Architect: Providing strong in-house web development skills to a design orientated studio I developed the company's CMS offering using heavily modified versions of open source systems and a bespoke

intranet. The CMS systems used PHP/MySQL and ASP.Net/SQL 2005 and the intranet used ASP.Net (C#).

Mitchell, Conner, Searson (now Souk Digital) – Head of Development: Web development agency specialising in highly interactive database driven web sites. I progressed from Web Developer to Head of Development with overall responsibility for the technical output of the company including direct management responsibility for the team of 6 developers, research and development and IT infrastructure.

University of Nottingham – Research Associate

Education

University of Nottingham, Nottingham, UK

Ph.D. – “Legibility Enhancement for Information Visualisation”.

BSc (Hons.) Computer Science, 2:1.

OTHER COURSES

MOOC – EDX/BERKLEYX CS169.1X ENGINEERING SOFTWARE AS A SERVICE (SPRING 2014)

SaaS principles, Agile, Ruby on Rails, BDD/TDD, RSpec, Cucumber, Capybara. Passed (98%).

MOOC – EDX/BERKLEYX CS169.2X ENGINEERING SOFTWARE AS A SERVICE PART 2 (SUMMER 2016)

SaaS principles, Agile, Ruby on Rails, BDD/TDD, RSpec, Cucumber, Capybara. Passed (95%).

MOOC – EDX/ETHX AGILE SOFTWARE DEVELOPMENT (AUTUMN 2016)

Agile principles for software development. Passed (98%).

OTHER ACTIVITIES

Co-organiser of Christchurch SilverStripe meetup.

Address

104, Geraldine Street, Christchurch, 8013.

Employment Eligibility

Naturalised NZ citizen with joint British citizenship.

References

Available on request.

Academic Publications

Available on request.