



An Agile, forward thinking software engineer with a broad range of desktop and web development experience. Enthusiastic test-driven Rubyist & standards compliant web developer with a passion for TDD, languages and elegantly solving complex problems.



## Programming Competencies

| Skill       | Level       | Skill   | Level       |
|-------------|-------------|---------|-------------|
| Ruby        | Expert      | PHP     | Expert      |
| JavaScript  | Expert      | Python  | Advanced    |
| Perl        | Comfortable | C / C++ | Comfortable |
| C# / VB.NET | Comfortable | Java    | Comfortable |

## Operating Systems

Completely comfortable in most modern Operating Systems. Very experienced user of many Linux-based OSes on desktop and server. Proficient with Mac OS X and all versions of Microsoft Windows from NT 4 / '95 to Win7.

## Technical Knowledge & Background

Well versed in all W3C standards from XHTML / HTML5 to Accessibility. Good understanding of web-application security and the guidelines and recommendations of OWASP. Proud proponent of Agile development methodologies and an active member of the Ruby community both online and locally with the Scottish Ruby User Group.

First-hand experience of building high-dependency systems of a financial nature within the payment card industry and the public sector and solving the scalability and security challenges that these solutions brought.

Educated at Adam Smith College (Fife College at the time) in Kirkcaldy and then the University of Abertay, Dundee. Four years of experience in developing with Ruby and over eight years experience in developing with PHP.

## Professional Accreditation & Certification

One of the first 1,000 Zend Certified Engineers - an accreditation created by Zend, the people who make PHP, to measure the knowledge and ability of PHP developers. Certified by i-to-i as a Teacher of English as a Foreign Language (TEFL).

## Online Presence

Website at <http://ryanstenhouse.eu> provides tutorials, essays, an active blog and details of current projects; also lists past and present work in a comprehensive portfolio. On Twitter as @ryanstenhouse, GitHub as HHRy. LinkedIn profile: <http://j.mp/a77NpC>

# Employment History

## Purchasing Card Consultancy Limited

## Senior Software Engineer

**Employment Period:**

January 2007

Present Date

Working with and managing a small team of developers to develop secure applications and tools for public and private sector organisations using agile, test-driven methodologies. Development primarily uses Ruby. Some customer facing applications have web interfaces developed using Rails and Sinatra. The software is usually finance related, with particular focus on the payment card industry. Software also integrates with Oracle / SAP / Sage / PECOS.

Also responsible for the design and implementation of my department's PCI DSS (Payment Card Industry Data Security Standard) compliant technical infrastructure.

Application security also plays an important part of my role. As part of my job; I have become expert on the recommendations of OWASP (the Open Web Application Security Project) and apply best security practices to all development work.

**Skills Used:**

Ruby, SQL, Web-App Sec, Networking, Systems Design, Technical Writing

## MTC Media Limited

## Senior Software Engineer

**Employment Period:**

October 2007

January 2007

Developing run-of-the-mill web applications for small companies throughout the UK. Mostly the websites developed were CMS driven and eCommerce in nature. Used in-house libraries, developed company's PayPal and CyberTill integration.

**Skills Used:**

PHP, HTML, CSS, JavaScript, SQL

## Ryan Stenhouse Web Consultancy / Freelance

## Solutions Architect

**Employment Period:**

November 2004

Present Date

Ongoing freelance work and open-source development using various skills and programming languages. Details of notable past freelance work and current open-source projects are available online at <http://ryanstenhouse.eu> .

**Skills Used:**

Ruby, SQL, PHP, Web-App Sec, JavaScript, C / C++, .NET

## Availability & References

Available after a 4-week notice period. References are available upon request.