Matthew Tarbit

Professional, hard-working developer with over a decade's experience.
Equally at home with both client-side and server-side technologies.

Personal Details

Full Name	Matthew Tarbit
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Technical Skills

Front-end	HTML, CSS, JavaScript
Back-end	Ruby & Rails, Python & Django, Node.js, PHP
Databases	PostgreSQL, MySQL, SQL Server
Versioning	Git, Subversion
Testing	RSpec, Cucumber
Mobile	Objective-C & iOS

Education & Employment History

2013–present Freelance Developer

2009–2013 Senior Developer — *Isotoma Ltd*

At Isotoma I left the confines of front-end to work as a fully-fledged full-stack developer. I delivered projects in a smorgasbord of technologies including Python & Django, Ruby & Rails, Objective-C, and Node.js. In the meantime I also nurtured some non-technical skills, working with agile methodologies, managing a few of my own projects, and producing wireframes and estimates before development began in earnest.

2000–2009 Senior Web Developer — *Sense Internet Ltd*

In almost ten years at Sense I saw the evolution from table-based layouts in pages glued together with Apache SSIs and Perl CGI scripts, through to Ajax-driven, JavaScript-enhanced apps backed by an OO MVC PHP framework. Although officially part of the front-end team I often served as a bridge between front-end and back-end, and occasionally worked single-handed to deliver sites for the likes of Imperial Tobacco and Warburtons.

1996–1999 BA (Hons) Graphic Arts and Design — *Leeds Metropolitan University*

1995–1996 National Diploma, Foundation Art and Design — *Newcastle College*

Portfolio

Work for Isotoma 2009–2013

GroupM

- Internal tools for credit risk management team at the world's largest advertising media company.
- Large Ruby on Rails app backed by SQL Server. Extensive test coverage using Cucumber and RSpec.
- Maintenance and new features for existing reporting and data administration tools.
- New build of dashboard tools to filter, aggregate and analyse data on billions of dollars worth of debt.

Harper Collins Best British Churches

- Companion iPhone app for the new edition of Sir John Betjeman's classic guide.
- Custom UI widget for photo galleries. Custom UIWebView-based ebook reader for excerpts.
- Incorporated SQLite database to manage data from over two thousand churches.
- Sole developer.

Channel 4 This Just In

- Short-run experiment fostering new comedy talent. Produced in conjunction with Endemol and Zeppotron.
- Django based web application backed by PostgreSQL with bespoke admin area.
- Varnish caching layer to guard against high load, with fine-grained programmatic cache expiration.
- Lead developer and project manager.

The Blinc Partnership

- Tools for participating in market research online.
- Node.js real-time group chat application, allowing focus groups to be conducted remotely.
- Django application for creating branching questionnaires with assorted question types.
- Lead developer and project manager.

Work for Sense Internet 2000–2009

Bafta

- Secure voting application for the British Academy of Film and Television Arts.
- Primary source of vote data for the BAFTA awards.
- Single-page JS-driven app with graceful degradation to fully functional non-JS fallback.
- Sole front-end developer.

Travelodge

- Public-facing website for the UK's 2nd-largest budget hotel chain.
- Tackled CSS bloat on this large, highly trafficked site for a reduction in filesize of around 60%.
- Lead developer for extensive Google Maps API integration.

Rizla

- Public-facing website for the UK's biggest rolling paper brand.
- Sole developer for several traffic-friendly Flash games, including Breakout and Mahjong.
- Lead developer for portal-style personal homepage with customizable drag & drop widgets.

Sense Internet Internal JavaScript Toolkit

- Library of over 20 UI plugins including date picker, dialog box and auto-complete widgets.
- Animation and interaction helpers (CSS property tweening, drag & drop).
- Widgets optionally instantiated and configured with pure markup via attribute conventions.
- Lightweight HTML and JS debug console for situations where a browser debug console is unavailable.
- Build tool to package only the components you need.
- Lead developer.