Radek Stepan

Full Stack Developer

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Jobs

University of Cambridge UK
Front-End Engineer

Dec 2011 - Feb 2014
Initiated the design & development of a browser based workflow app for a data warehouse. Utilized a modular, event-based **Backbone.js** architecture.

Web Designer/Developer

Sep 2010 - Feb 2014
Accelerated the switch from JSP-heavy front end of a data warehouse into JavaScript components.

OuterEdge UK
Web Designer/Developer

Apr 2009 - Oct 2009
Developed a large e-commerce site on top of **Zend Framework**, complete with RBS WorldPay™ payment integration and a simple CMS. Responsible for the development of sites on the **SilverStripe** platform from Photoshop source files to deployment.

tailoredweb.biz UK
Mar 2006 - Apr 2008
Freelance Web Designer
See designs at http://behance.net/r4d3k

Formal Education

University College London (UCL)
PgCert. Human Computer Interaction

Sep 2011 - Mar 2012
Design of interactive systems with focus on user experience.

University of Bath
MSc. Internet Systems

Sep 2009 - Sep 2010
Postgraduate studies with focus on **software engineering**, internet technologies and security. Dissertation discussing **architectural patterns** variants and their use in agile web development environment.

University of Sussex
BSc. (Hons) Computing & AI

Oct 2005 - Jun 2009
Cognitive computing studies on topics of psychology, philosophy, **HCI**, data mining.

Selected github projects

github-burndown-chart
CoffeeScript, D3

May 2012 - present
Created a browser based burndown chart displaying the progress through issues in a milestone for better estimation & planning of work in agile environment.

ukraine
CoffeeScript, Node.js, Haibu

Nov 2012 - Sep 2013
Consolidated the deployment of various apps on multiple servers into an open source Node.js PaaS based on Haibu. Since then using the LXC Docker platform.

pomme.js
CoffeeScript

Oct 2013 - May 2014
Created a JavaScript component that allows to sandbox "foreign" widgets and their CSS styles using iframes and postMessage API.

grunt-apps-c
CoffeeScript, Grunt

Oct 2013 - Dec 2013
Unifies CoffeeScript, JavaScript, JSON, Eco, Mustache files into CommonJS/1.1 modules using Grunt tasks to simplify builds.

blad
CoffeeScript, Node.js, MongoDB

Jun 2012 - present
Created an extensible CMS for scientists on the Mozilla Persona platform. Authors don't have to remember their login details and their speaking engagements and publications are automatically cached from external sources like XML, PubMed.

deadmonton
CoffeeScript, Leaflet

Oct 2013 - Dec 2013
Aggregates crime stats from Edmonton Police and visualizes them on an OpenStreet map.

Also...

Packt UK Publishing Company
CSS: What Every Web Designer Should Know

Apr 2013
Provided technical review for an upcoming book.