Radek Stepan

Front-End Engineer

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Jobs

Freelance
Front-End Engineer
Jan 2016 - present
Contract work for clients such as Marvel Prototyping (**React**) and Cambridge Systems Biology Centre (CMS needs).

Redman Tech AB, Canada
Front-End Engineer
Sep 2014 - Sep 2015
Developed front-end for a mobile app that matches property buyers with their ideal location using **React** and **Flux** pattern.

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**.

tailoredweb.biz UK
Mar 2006 - Apr 2008
Freelance Web Designer
Designs at http://behance.net/radekstepan

Selected github projects

burnchart
JavaScript ES6, React, Flux, 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.

blad
JavaScript ES6, Node.js
Jun 2012 - Mar 2016
Created an extensible CMS for scientists with content kept in Markdown files with YAML front-matter. Dynamic content, such as speaking engagements and publications are automatically cached from external sources like PubMed.

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.

nzb-grabber-js
CoffeeScript, Node.js
Jun 2013
A binary posts (NNTP/Usenet) downloader.

Formal Education

University of Bath
MSc. Internet Systems
Sep 2009 - Sep 2010
Postgraduate studies with focus on **software engineering**, internet technologies and security.

Dissertation discussing **architectural pattern** variants and their use in agile web development environment.

University College London (UCL)
PgCert. Human Computer Interaction
Sep 2011 - Mar 2012
Design of interactive systems with focus on user experience.

University of Sussex
BSc. (Hons) Computing & AI
Oct 2005 - Jun 2009
Cognitive computing studies on topics of psychology, philosophy, **HCI**, data mining.