

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

Freelance Web Designer

Mar 2006
- Apr 2008 See designs at <http://behance.net/r4d3k>

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.

Selected 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.

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.