

# Radek Stepan

## Front-End Engineer

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<http://radekstepan.com> • <https://github.com/radekstepan>

## 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* Designs at <http://behance.net/radekstepan>

## 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.