Radek Stepan
Front-End Engineer

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Jobs

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.

6 month hiatus due to backpacking

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.

Mar 2006
- Apr 2008

tailoredweb.biz UK
Freelance Web Designer

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 github projects

burnchart
CoffeeScript, D3, Ractive

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.

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
- Feb 2014

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.

Also...

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

Apr 2013

Provided technical review for an upcoming book.

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.