CHRIS RAWNSLEY

SOFTWARE ENGINEER

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SUMMARY

A keen problem solver, I enjoy the technical and strategic challenges that companies face. I strive to create great products through attention to detail and asking the right questions early on. I have experience running a company, pitching for work, and managing and mentoring small teams. During my time as a freelancer, I honed my technical expertise on various projects.

SKILLS

KEY React HTML5 CSS JavaScript TypeScript Git DevOps NodeJS WebPack

OTHER ES2015+/ES6+ Redux Web Components Browserify RequireJS Lodash Mithril CSS Modules Sass jQuery Python Shell Illustrator Photoshop Linux macOS Windows Amazon Web Services Ansible Vagrant Docker Jenkins GitHub JIRA Sitecore

EXPERIENCE

FREELANCE – 2016-PRESENT

Full-stack engineer, devops and technical consultant. Notable projects include:

ZEGO – 6 MONTHS – SOFTWARE ENGINEER

A large codebase in need of refactor and test coverage, I improved their E2E test framework, fixed their code quality tools & enforced it via CI and mentored developers in the transition to using more TypeScript. Later created the basis for the new account page using a GraphQL API layer in Python communicating with a NextJS web layer. All parts were wrapped up in a Docker images for both local development, CI and to be deployed via ArgoCD.

Python, TypeScript, JavaScript, Playwright, Docker (Buildkit), Docker Compose, Buildkite, GraphQL

USTWO – 3 MONTHS – FRONT-END ENGINEER

Component library. Helped build components for a large auction house that was investing in its online presence. I was responsible for improving the use of TypeScript and managing automatic conversion of Web Components to other frameworks such as React.

TypeScript, Web Components, Stencil, Jenkins, JIRA, Git, Github

ELIGIBLE – 11 MONTHS – FULL-STACK ENGINEER

Customer retention. A white-label product focussed at assisting home owners to remortgage their property. Developed a system in which brokers can manage marketing as well as other customer relationship management tasks.

Python, Django, React, TypeScript, Webpack, Git

USTWO – 6 MONTHS – FRONT-END ENGINEER

Virtual science lab. Targeted at high schools, we created a number of experiments in which students, either in a class or at home, would be able to predict and accurately simulate lab conditions to further their understanding.

React, React Native, Redux, ReactDnD, Emscripten, Flow, Webpack, Git, BitBucket

3VIL GENIUS – 3 MONTHS – FRONT-END ENGINEER

Employee shift calendar. An internal project for Cadbury Chocolate. Helped maintain and further develop a pre-existing system with complex rules for managing staff rotas and holidays. Consisted of a mobile app for employees and a web admin for managers.

React, React Native, Redux, TypeScript, Webpack, Git

THE GUARDIAN – 1 MONTH – FULL-STACK ENGINEER

Survey tool. The Observer Food Monthly Awards is an annual event where they invite the public to vote for their favourite restaurant/chef/books in various categories. I created the form and back end to collect votes.

Heroku, PostgreSQL, NodeJS, Mithril, RequireJS

MANASIANANDCO – 10 MONTHS – FRONT-END ENGINEER

Offline presentation tool. Their client was a large accountancy firm who needed an interactive tool showcasing their services. I transitioned an existing product to work with a whole new presentation format with new interactions.

Docker, NodeJS, WebPack, React, Redux, Git, GitLab

2CREATIVES LONDON – 2011-2015

A web, branding and strategy consultancy. I joined the company as an engineer, before I was invited to become an equal share holder and director in January 2013. I pitched for new work as well as managed teams, projects and the business itself throughout my time at 2Creatives. Notable projects include:

UNIVERSITY OF EAST LONDON – 1 YEAR – TECHNICAL LEAD

Responsive main website. 2Creatives were engaged early on with the university's new website. I led a team of several front-end engineers and I worked closely with the key senior stakeholders to help enact a new digital student recruitment strategy.

Sitecore, NodeJS, Gulp, Browserify, Handlebars, Sass, Susy, Git, GitHub

SHAREDIT – 1 YEAR – FULL-STACK ENGINEER

Responsive single page web app for a photo booth used at events. Often used by hundreds of people a day, the app required an intuitive and fast interface to allow users to quickly view and share their photos. I worked closely with the founders, attended events and optimised the product based on feedback.

JavaScript, RequireJS, Backbone.js, Python, Pyramid (Pylons), Git

MENSPHERE – 1 YEAR – FULL-STACK ENGINEER

E-commerce website. Mensphere came to us with a slow instance of Magento—an e-commerce platform. I migrated it to Amazon Web Services and tweaked it to work well within Amazon's free tier. I created automatic deployment scripts, developed integrations for drop shipping and evolved the style based on analytics conversion data.

Amazon Web Services, Ansible, Magento, Nginx, PHP, Vagrant, Git

OTHER

VAGRANT-CENTOS – 2012-2015

As part of the automation I was implementing at 2Creatives London I created a virtual machine image that was quick to deploy and test environments with. It has become a popular Vagrant box and has over 200 stars on GitHub.

EDUCATION

THE UNIVERSITY OF MANCHESTER – 2007-2011
BSc (Hons) Computer Science

MERCHANT TAYLORS' SCHOOL, NORTHWOOD – 2002-2007
3 A-Levels, 1 AS-Level, 9 GCSEs