Tom Halley

Full Stack Web Developer
Based in the South West

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Summary

Senior Web developer with over 10 years commercial experience in agency and in-house teams, delivering software across a range of different enterprises from small one-man shows to teams of 50+ developers. I have a demonstrable ability to work directly with product owners and stakeholders to deliver high quality products to spec.

Since graduating in 2012, I've had a keen interest in emerging web technologies while building on a solid basis of server-side programming in the LAMP stack arena. After 2017, I moved away from LAMP stack development to focus on React, TypeScript and other JavaScript technologies, as well as more tech lead and architectural roles.

Objective

I am currently seeking contract work, specifically work revolving around TypeScript, JavaScript, React, and NodeJS. I am open to senior developer and technical lead positions.

Relevant Professional Skills

Modern Skills
Frontend TypeScript, JavaScript ES6, React, Redux, React Router, Jest, Mocha, Enzyme, Chai, CSS3, SASS, Bootstrap, Foundation, Material UI, Styled Components
Backend NodeJS, Fastify, Express, AWS, NextJS, Prisma, HAProxy, MySQL, PostGres
Devops AWS, Serverless, Jenkins, Datadog, Digital Ocean, Nagios, HAProxy, Apache,
Practices Agile, Scrum, Kanban, Waterfall, TDD, BDD
Other HTML5, Rest APIs, JSON, XML, TypeScript, Flow, KnockoutJS, Gulp, Grunt, Ionic, Cucumber, JMeter, Jenkins CI, JIRA, Trello, Jasmin, Protractor, Git, Bitbucket, Github, Webpack
Legacy
LAMP OO PHP, MySQL, PHPUnit, Symfony 2, Laravel, Phalcon, CodeIgniter
Frontend jQuery, AngularJS (1.6)

Experience

<u>Senior Full Stack Engineer (Contract)</u> – <u>Novata</u>

JULY 2022 – PRESENT

Worked to deliver features and improvements to an ESG reporting platform using TypeScript, ReactJS, Node and AWS.
- Delivered changes and fixes to an undocumented legacy spreadsheet import mechanism under tight deadlines.
- Delivered large refactoring of frontend validation of the main product
- Delivered a new carbon calculator project on time while taking on about 95% of the frontend work.
- Conceived and led a cross organization working group for frontend standards.

<u>Tech Lead (Contract)</u> – <u>Equal Experts</u>

MARCH 2022 – MAY 2022

Brief contract as tech lead introduced to an ongoing project involving NodeJS, GraphQL and ReactJS

<u>Engineering Lead</u> – <u>BJSS Ltd</u>

MARCH 2021 – MARCH 2022

Worked with a major retail bank to create a process for adopting and making contributions back to open-source software. My role was to provide a largely non-technical team with technical insight, as well as acting as the main interface between our team and the banks engineering teams.
- Created a highly detailed proposal for a set of systems to enable the bank to safely adopt and contribute back to open-source software.
- Created and delivered an engineer centric handbook for making open-source contributions in conjunction with a content designer.
- Designed the architecture around a license triaging system using Power BI.
- Pitched to and gained buy in from key stakeholders in IT and security across the bank.
- Facilitated the first official open-source contribution from the Bank.

<u>Developer</u> – <u>BJSS Ltd</u>

JULY 2020 – MARCH 2021

Worked within an integrated team of developers for UKRI to deliver a new funding service platform
- Using React and NextJS to deliver frontend changes, along with fastify and express on the backend.
- Delivered a complete refactor of common backend code in a microservices environment.
- Developed UI and API tests using Selenium and CucumberJS.

<u>Server-side Developer (Contract)</u> – <u>Seccl Ltd</u>

MAY 2020 – JULY 2020

Brief contract delivering backend NodeJS changes for a fintech company based in bath.

Developer (Contract) - BJSS Ltd

SEPTEMBER 2019 - MARCH 2020

Worked with BJSS on two separate projects:
Helped deliver airspace control software to an AWS hosted web application for a government agency.

- Used ReactJS, Redux, Mocha and Enzyme to deliver frontend functionality.
- Used NodeJS, Mocha and Terraform to deliver backend functionality and infrastructure changes.

Helped to deliver backend JavaScript code for a reusable notifications system for a government agency:

- Used NodeJS and Jest to deliver key software components ahead of schedule.
- Worked closely with the technical architect to establish direction and ensure the integrity of the product for handover.

Developer (Contract) - Next Green Car Ltd

AUGUST 2019

3-week project to deliver an MVP integration of ZapMap with Google Assistant, using NodeJS, Firebase, and Dialogflow.

Senior Frontend Developer (Contract) – Zone Digital

MARCH 2019 - AUGUST 2019

Worked with ReactJS and Redux to deliver new features and improvements in time for the release of Genomics England test ordering and directory products.

Frontend Tech Lead (Contract) – Zone Digital

SEPTEMBER 2018 – DECEMBER 2018

Worked in a .NET environment delivering new features and improvements to Electrolux, Zanussi and AEG websites using Vue.js, vanilla JavaScript and Sass.

- Took a key role in the planning of frontend work during an Agile cycle.
- Provided technical guidance to a team of front-end developers.

Senior Developer (Contract) - Next Green Car Ltd/Zap Digital Ltd

JULY 2018 – SEPTEMBER 2018

- Continued support of existing PHP projects
- Continued development of React Redux Project

Lead Developer - Next Green Car Ltd/Zap Digital Ltd

MARCH 2017 – JULY 2018

Most recent role as a web applications developer in a small company in Bristol. Helped implement radical change to all aspects of the technical systems, software and development lifecycle, including:

- Developed a brand-new version of Zap-Maps main product using React and Redux while integrating with the core businesses REST API.
- Provided ongoing support and maintenance to backend REST APIs
- Centralized and consolidated core internal business processes.
- Migrated the main business platform to the cloud.
- Worked with clients to deliver data and software products to third parties.
- Mentored and trained juniors in how to plan their work, how to give estimates, and how to deliver work on time and to spec.
- Introduced modern development practices including CI/CD and Agile

Web Developer - NCC Group - Web Performance

SEPTEMBER 2015 - JANUARY 2017

Key Tech: Phalcon PHP, AngularJS 1.6, JavaScript

Frontend Developer - easyProperty.com

FEBRUARY 2015 - SEPTEMBER 2015

Key Tech: PHP, HTML 5, JavaScript, KnockoutJS

JavaScript Developer - Push Gaming

NOVEMBER 2014 - FEBRUARY 2015

Key Tech: JavaScript, HTML5

Web Developer - NCC Group - Web Performance

SEPTEMBER 2012 - NOVEMBER 2014

Key Tech: PHP OOP, MySQL, HTML 5

Intern Developer - Forward Group

JULY 2011 - AUGUST 2011

Key Tech: HTML 5 Canvas, PHP

Trainee Engineer - End Design Ltd

JUNE 2007 - OCTOBER 2008

Certificates

AWS Cloud Practitioner
Issued Jan 2022

Education

Teesside University - BSc Degree (Hons), Web Development
2009 - 2012

Guildford College - BTEC National Diploma, ICT for Practitioners
2007 - 2009