Aaron Marr

Front-End Developer

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Profile

As an experienced Front-End Developer, I have expertise in designing and developing responsive and accessible web applications that balance aesthetics and functionality. I have worked on projects ranging from small-scale prototypes to large-scale enterprise solutions, using technologies such as HTML5, CSS3, JavaScript, and Front-End frameworks such as React and AngularJS.

In addition to technical skills, I bring a strong focus on user-centered design, paying close attention to user needs, preferences, and behaviours to create interfaces that are intuitive and engaging. I have experience working in collaborative environments, and work closely with designers, product managers, and other stakeholders to ensure that projects are aligned with business goals and user requirements.

Work History

Front-End JavaScript Developer @ Headforwards

March 2019 – Present // Pool, UK (On Site)

Building an enterprise-grade network monitoring tool for NTT Network Innovations

- Front-End Development using React (with hooks), EmotionCSS and TypeScript
- End-to-End Test automation with Playwright and GitHub Actions
- Integration with Backend applications and services via gRCP

Building a suite of analytics tools for Plum ESG

- Full-Stack Javascript development using React and Express
- Charts and data visualisations using D3 / Visx / Recharts
- State management using React Hooks and Redux
- REST API Design and Development using Express and PostgreSQL
- Accessibility-first Front-End design and development
- Supporting team in the adoption of a new tech stack (Node.js + React)
- Taking part in Agile processes such as sprint planning and retrospectives

Senior Web Developer @ Colateral

April 2017 – March 2019 // Redruth, UK (Hybrid)

Building a suite of production workflow management tools for the retail industry

- Develop a large-scale Software-as-a-Service product using React and Redux
- Write clean, scalable and maintainable CSS using Sass, ITCSS and BEM
- Roll out a unit / integration test suite using Mocha and Enzyme
- Build services and APIs using Node.js and Django
- Work as part of a small, cross-functional team in a start-up environment

Front-End Developer @ Torchbox

April 2016 – April 2017 // Bristol, UK (Remote)

Front-End Development for Django and Wagtail Websites for the Charity Sector

- Build bespoke Front-Ends for Wagtail websites using HTML5, Sass and JavaScript
- Advocate for styleguide-driven development using PatternLab
- Implement modular Sass architectures using BEM and ITCSS methodologies
- Develop custom JavaScript libraries using ES6 and Babel Starter Kit

Skills

Programming Languages

JavaScript, TypeScript, Python, Ruby, PHP, HTML, CSS, Sass

Libraries and Frameworks

React, Redux, Django, Ruby on Rails, Express, D3, AngularJS, 11ty, Jekyll, Wagtail, Drupal, WordPress, SlimPHP

Tools and Platforms

VSCode, Vim, Git, Docker, Linode, Heroku, MacOS, Linux, PostgreSQL

Design

Typographic Design, Grid Systems, Design Systems, Data Visualisation, Wireframes, Interactive Prototypes

Education

Falmouth University

Sept 2013 - Sept 2014

Postgraduate Certificate in Higher Education

Falmouth University

Oct 2007 - June 2010

Bachelor of Arts in Digital Media

University of East Anglia

July 2006 - July 2007

Foundation Degree in Computing

Volunteering

Code Club

2017

Run a Code Club (part of Raspberry Pi Foundation) for 11 to 12 year olds, including sessions on Scratch, Python, and event-driven programming using JavaScript

Work History (continued)

Front-End Developer @ Freelance

October 2015 – April 2016 // Redruth, UK (Remote)

Working as a freelance developer for Codebase 8

- Consult and advise on Front-End Sass and HTML5 template architectures
- Promote component-driven development using a range of Front-End frameworks
- Create custom, white-label Twitter Bootstrap themes
- Rapid prototyping using Ruby on Rails

UX/UI Developer @ Dewsign

July 2015 – October 2015 // Falmouth, UK (On Site)

Front-End Development for a range of bespoke Websites built using WordPress

- Lead on Front-End development for several websites built using WordPress
- Develop custom WordPress themes and plugins using PHP
- Evangelise local containerised development environments using Docker
- Improve development processes by implementing best practice guidelines

UX/UI Developer @ Headforwards

October 2014 – July 2015 // Pool, UK (On Site)

UX Design and Front-End Development for Enterprise Cloud (NTT Communications)

- Front-End Development using JavaScript (Backbone), HTML5 and Sass
- Design key interface elements, using wireframes and interactive prototypes
- Unit testing using Mocha and Chai
- Participate in full software development lifecycle, from design through to release

Learning Information Designer @ Falmouth University

July 2012 – September 2014 // Falmouth, UK (Hybrid)

UX Design and Front-End Development for Falmouth University's Learn platform

- Front-End development using HTML5, JavaScript (jQuery) and Sass
- Moodle theme design and development using PHP
- UX/UI design, including wireframes, story boards and interactive prototypes
- Responsive web design

Learning Technologist (Intern) @ Falmouth University

September 2011 – July 2012 // Falmouth, UK (Hybrid)

Designing and Developing a range of internal websites using WordPress

- Web design and development for a range of internal systems and websites

Other Interests

Music

Music has been an interest of mine since as long as I can remember. I enjoy listening to a wide variety of sounds, from Acid Techno to Jazz and Classical.

I also enjoy live music, and you may find me at one of Cornwall's underground Techno nights, or hanging out at one of the many music festivals during the summer.

Colophon

This CV was designed using [Tachyons](#) and [VSCode](#) using a [Macbook Pro](#). The font is [IBM Plex Sans](#) and the icons are from [Font Awesome](#). The [HTML source](#) is rendered to PDF using a [Python script](#) and the [Weasyprint](#) library.