

# Aaron Marr

Front-End Developer

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## Profile

Hello, I'm Aaron. I'm a web developer based in Cornwall, UK.

I've been creating websites and software for over ten years. Currently, I'm helping to develop a network analytics product at Headforwards for NTT Network Innovations.

Right now, I'm specialised in Front-End development. But what makes me tick is building products and sites that put users first. I enjoy working in agile teams and solving real problems for the business and its users. I'm interested in putting my skills to work in the tech-for-good, 3rd sector, or Education space.

## Work History

### Front-End JavaScript Developer @ Headforwards

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

Building a network monitoring tool for NTT Network Innovations

- Front-End Development using React
- Designed a state management solution with React Query and Zustand
- Set up and implemented End-to-End Testing solution with Playwright
- CI/CD implementation with GitHub Actions

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)

### Senior Web Developer @ Colateral

April 2017 – March 2019 // Redruth, UK (Part Remote)

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 CSS using Sass and BEM
- Roll out a unit 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 (Fully 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, Python, Ruby, PHP, HTML5, Sass, CSS

### Libraries and Frameworks

React, Redux, Django, Ruby on Rails, Node.js, D3, jQuery, Vue, Tailwind,

### Tools and Platforms

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

### Design

Typography, grids, Design Systems, wireframes, 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 (Fully 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 websites built using WordPress
- Develop custom WordPress themes and plugins
- Improve development workflows using Docker

### 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

### Learning Information Designer @ Falmouth University

July 2012 – September 2014 // Falmouth, UK (Part Remote)

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

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

### Learning Technologist (Intern) @ Falmouth University

September 2011 – July 2012 // Falmouth, UK (Part Remote)

Designing and Developing a range of internal websites using WordPress

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

## Other Interests

### Down time

Music, Craft Ale, Single Malt Whisky, family time, walks, Cornwall

## Colophon

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