CARLHAMILTON
FRONT END DEVELOPER

CARLHAMILTON.DEV
INFO@CARLHAMILTON.DEV
LINKEDIN.COM/IN/CAHAMILTON
GITHUB.COM/CAHAMILTON

Summary

An experienced Front End Developer with a strong background in building scalable web applications. Proficient in modern front end technologies and tooling, with a focus on writing clean, maintainable code.

Skills

Programming Languages

- HTML, TypeScript, JavaScript, NodeJS, Kotlin, PHP

Frameworks & Libraries

- React, React Router, React Hook Form, Yup, Zod, Apollo GraphQL, Next.js, Storybook, Redux, Reselect
- jQuery, Handlebars, Mustache, EJS, Pug, Twig, JSP

Build Tools & Bundlers

- Docker, Webpack, Vite, Rollup, esbuild, tsup, tsc, Gulp, Grunt

Testing

- Unit testing: Jest, Vitest, React Testing Library, Enzyme, Jasmine, Karma, Mocha, Chai, Tape
- E2E testing: Playwright, Cypress, WebdriverIO
- Other: Manual cross-browser and device testing, A/B & Multivariate Testing

Styling & CSS Methodologies

- CSS, Sass, PostCSS, Styled Components, CSS Modules, Bootstrap, Foundation
- BEM, OOCSS, SMACSS

Observability Tools

- Kibana, Grafana, Jaeger

Version Control & CI/CD

- Git, SVN
- GitHub Actions, GoCD, CircleCI, Travis CI

Agile Methodologies

- Scrum, Kanban

IDE/Text Editors

- VSCode, IntelliJ, Sublime Text

Design Tools

- Photoshop, Illustrator, Figma, Sketch

Experience

Principal Front End Developer, Auto Trader UK

Hybrid (November 2024 - Present) - Manchester, United Kingdom

Continuing to support the ongoing evolution of the Deal Builder journey, with shared ownership of the native app experience (iOS and Android) via our Native Apps Service (Kotlin, Spring Boot). Focussing on ensuring the app can scale effectively, to accommodate retailers with varying capabilities. Alongside this, I'm working with newer technologies such as Vite, Vitest, and Playwright.

I actively participate in leadership meetings across the consumer domain - helping shape technical decision-making, prioritising cross-team initiatives, and driving platform-wide upgrades. My role also includes maintaining service reliability, mentoring team members, conducting code reviews, and supporting recruitment through interviews and onboarding.

Senior Front End Developer, Auto Trader UK

Hybrid (June 2020 - November 2024) - Manchester, United Kingdom

Collaborated within a cross-functional team to re-platform the Product Page across all vehicle channels. Responsible for migrating and consolidating features from a legacy Java monolith into a modern, scalable

Single Page Application - leveraging technologies such as TypeScript, React, Context API, Styled Components, Apollo Client/Server (GraphQL), Webpack, Jest, React Testing Library, Snowplow, Cypress and Docker.

Following from the Product Page migration, I was involved in the early development and delivery of the Deal Builder project - Auto Trader's entry into the online digital retailing space. The application enables consumers to complete key stages of the vehicle buying journey online, including part exchange, finance, delivery, and reservation - helping to modernise and streamline the buying process. This work involved integrating with a range of microservices, each supporting different parts of the journey.

Lead Front End Developer, Catch.com.au
On-site (April 2019 - November 2019) - Melbourne, Australia

As lead developer for the front end team, I was responsible for managing, mentoring, and supporting team members; sourcing and recruiting new hires; liaising with product owners; scoping and planning projects; prioritising backlogs; and sprint planning. In addition to team leadership, I provided technical direction for front end development while remaining hands-on with feature builds, bug fixes, performance improvements, and code reviews.

Notable projects include rebuilding the search application with modular support for different search providers; re-architecting the order feedback system to separate product and marketplace seller reviews; and implementing Click and Collect at checkout, enabling in-store collection to over 300 Target stores across Australia.

Front End Developer, Catch.com.au
On-site (September 2016 - April 2019) - Melbourne, Australia

Led front end development for a high-traffic e-commerce platform, delivering white-label solutions for brands including Catch, Scoopon Shopping, Grocery Run, Mumgo, and Pumpkin Patch. Built A/B tested features and configurable functionality via feature flags. Contributed to third-party integrations and large-scale UI/UX overhauls - including a revised navigation system, shopping cart redesign, online marketplace integration, analytics tracking via Snowplow, and multiple rebrands.

Improved front end workflows by migrating from legacy build tooling to modern complex build chains using Gulp and Webpack. Played a key role in transitioning the team to a React-based front end, supported by a suite of 500+ automated tests (Jest, Enzyme), and leveraged tools like Redux, Reselect, ESLint, and Prettier to maintain high code quality and consistency.

Front End Developer, The Hut Group
On-site (August 2013 - July 2015) - Northwich, United Kingdom

Worked on the front end of a high-traffic e-commerce platform, serving over 300 million global shoppers annually. Powering major brands such as MyProtein, Zavvi, LookFantastic, Elizabeth Arden, and Nintendo. Developed and maintained scalable white-label solutions with full i18n support (e.g. FR, DE, ES, FI, IT), improved front end workflows using build automation tools like Grunt and Gulp, and helped implement automated cross-browser regression testing with WebDriverIO. Collaborated closely with technical leads to enhance build performance and front end code quality.

Education

University of Central Lancashire
(September 2006 - May 2009) - Preston, United Kingdom

BSc Honours Media Production and Technology (2:1)