

# Peter O'Boyle

## Software Developer

Creative and driven web developer with experience collaborating using Agile methodology to build intuitive commercial applications from the ground up.

Additional professional strengths include effective communication and customer relations, and a high level of analytical proficiency.



[peterdev.co.uk](http://peterdev.co.uk)

[github.com/oguru](https://github.com/oguru)

[linkedin.com/in/poboyle](https://linkedin.com/in/poboyle)

Bristol - BS13 7BG



### TECHNOLOGIES

HTML 5	Material UI
Javascript	Bootstrap
Typescript	Vuetify
Node	Enzyme
CSS / Sass	Jest
React	Vue Test Utils
Redux	Firebase
Vue	Express
Vuex	Reach Router
Webpack	React Router
Axios	Vue Router



### TOOLS

Atlassian Suite  
Zeplin  
Figma  
Git  
Postman  
Adobe Suite  
Stripe  
Sentry  
Mixpanel



### SKILLS

Scrum  
Kanban  
Mentoring  
Gitflow  
App Architecture  
Design  
UX  
Customer Service  
Responsive design



### EXPOSURE TO

C#	Asp.Net	Razor	Umbraco
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## WORK EXPERIENCE

### Full-Stack Software Engineer

Oct 2021 - Jul 2022

#### Protolyst

My role at Protolyst was multi-faceted and included front and back-end development working alongside the CEO and CTO to help deliver new features and continuously improve the Protolyst platform.

- Introduced Agile methodologies such as daily standups, weekly retrospective meetings, and a ticketing system to enable a smoother and more productive collaborative workflow.
- Created a selection of prototype designs on multiple occasions before creating or modifying features, using Figma for new designs or browser devtools for less complex changes.
- Frequently helped to guide development direction and app architecture design.
- Refined my time management skills by directing my focus and prioritising important improvements and features for MVP delivery, resulting in product marketing starting earlier.
- Provided support to the new Junior Developer with code queries and understanding the codebase.

### Front-End Web App Developer

Mar 2021 - Jun 2021

#### Bond Digital Health

I worked at Bond on a 3 month contract and helped to successfully deliver *Transform* (a data dashboard and management platform for lateral flow test providers) to a tight deadline.

- Started working on tickets in under two weeks on a large codebase using a new framework.
- Moved from Scrum to Kanban seamlessly after a few weeks, ensuring successful delivery.
- Contributed to retrospective sessions to help determine the direction of future sprints.
- Requested and made use of regular feedback in order to continually maximise efficiency.
- Engaged in ticket reviews of colleagues' work, including the Senior Developer.

### Customer Service Advisor

Jan 2015 - Jan 2020

#### National Grid Ventures

## PROJECTS



### Protolyst – Commercial Project

React.js, Redux, SASS, Material UI, React Router, Express, Firebase

- Completed a variety of improvements and new features involving complex logic such as multi-level recursive programming for deeply embedded data linking.
- Built a commenting system complete with mentions and notifications.
- Developed backend functionality including user authorisation, authentication, and functions to convert data into new structures from Firebase Realtime Database to Cloud Firestore.
- Designed and built a payment system using Stripe to enable premium subscriptions.
- Identified, recorded and fixed bugs on a regular basis.
- Introduced branch naming conventions for features, improvements and bugs.
- Created and implemented mobile designs and code for the app, enabling use from any device.



### Transform – Bond Contracted Commercial Project

Vue, Typescript, SASS, Vuex, Vuetify, Test Utils, Router, Axios, Webpack

- Completed feature tickets to build parts of the application, along with bug tickets to refine the app and rectify issues.
- Implemented tests for each feature ticket undertaken.
- Frequently consulted and collaborated with other departments to verify designs, decisions on functionality and expected behaviours.
- Identified several bugs and raised tickets accordingly in Jira.
- Single-handedly wrote extensive documentation for the front-end.
- Added and configured Sentry to handle error reporting for the app.
- Set up the application for internationalisation by implementing i18n and refactoring code.



### Francis Road Allotments – Freelance Project

React.js, SASS, Firestore, Bootstrap, Enzyme, Jest

- Created a custom content management system to allow admins to create site notices.
- Implemented a unique design and functionality, tailor made without designs being supplied.
- Added an initial load spinner to pre load basic content for a smoother user experience.
- Utilised image lazy loading to minimise user wait time, with seamless transitioning.
- Thoroughly tested components using Jest and Enzyme.



### Netflix Movie Database – Personal Project

React.js, Material UI, JSS, REST API

- Created a modern and user friendly UI using custom Material UI theme.
- Added a toggle switch to query API for basic or detailed data, based on user requirements.
- Systematically built a modernised UX with lazy loading on scroll.



### Vojo – Client Project

React.js, SASS, Figma

- Built the app to specification in collaboration with other developers.
- Enhanced the UI by developing animations outside the spec.
- Ensured code quality by pair programming and performing code reviews on pull requests.
- Resolved queries and communicated updates by acting as liaison with the product owner.
- Produced and distributed documentation for project coding standards.

## EDUCATION



### \_nology

12 week software development bootcamp

2020



### University of Wales, Aberystwyth

Sport & Exercise Science B.Sc. (Hons) degree (2.2)

2005 - 2008