Jamie Peutherer

Full-Stack Web Developer

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ABOUT ME

I am a full-stack web developer confident using MERN stack, and other modern technologies, to engineer performant webapps from front-to-back. Having worked across a wide suite of different applications and microservices, I am able to quickly get comfortable with new codebases and begin contributing.

Keen on uncovering new and more efficient ways of engineering solutions to complex problems, I am constantly looking for new learning opportunities. I am eager to find employers who share this outlook and who stay on the cutting edge when it comes to modern software engineering practices.

PROFESSIONAL EXPERIENCE

British Broadcasting Corporation — Junior Software Engineer

June 2022 - Present

As a full-stack engineer in the BBC's Digital Publishing division, I help maintain a plethora of services that editorial staff rely on to curate their content across the BBC website. This role has me working mostly with React, Scala, Node.js, GraphQL, and MongoDB.

Key Responsibilities

- Contributing to architectural decisions and technical feasibility discussions
- Engineering clean and scalable code solutions for new features
- Maintaining multiple codebases, reporting and fixing bugs
- Reviewing the code of other software engineers and providing feedback
- Creating and updating documentation
- Supporting and mentoring new team members

Outside of regular day-to-day work I also champion accessibility in terms of UI design/implementation and give internal presentations on areas I have expertise in.

Key Achievements

- Implemented a technically complex UI which allows editorial teams to import content from one page to another while dynamically hiding any duplicate content.
- Created a scheduling interface which allows editorial teams to set start/end dates and times for content to be visible to audiences.
- Put together and delivered a 4-hour web accessibility course to a department of 100+ staff members.

TECHNOLOGIES

- ❖ HTML5 / CSS3 & SASS
- ❖ JavaScript (ES6+)
- ❖ React
- ❖ NodeJS & Express
- ❖ Scala
- ❖ MongoDB

KEY SKILLS & KNOWLEDGE

- ❖ **Experienced with various testing frameworks:** Jest, React Testing Library, ScalaTest, and Cucumber.
- ❖ **Proficient with industry tooling:** Git, Github, JIRA, and Confluence.
- ❖ Some experience with devops and CI/CD processes, particularly AWS and Jenkins.
- ❖ Comfortable mobbing, pairing, or working solo on development tasks.

PERSONAL PROJECTS

Yu-Gi-Oh! Deckbuilder — *A trading card deckbuilding web app*

React, Zipcelx | [GitHub Repo](#) | [Live Demo](#)

Uses the Yu-Gi-Oh! API to allow users to search, filter, and sort all cards in the Yu-Gi-Oh! trading card game, then build a full deck which can then be exported to a handy XLSX file.

This was an ideal project to increase my confidence working with REST APIs and manipulating relatively complex React state critical to rendering a web app's UI.

Linfolio — A lite recreation of the Ubuntu Linux

React, React-Draggable, EmailJS | [GitHub Repo](#) | [Live Demo](#)

Created to display key information in modals that mimic the design of the Ubuntu Linux operating system. I used this SPA to showcase my portfolio at jamiethe.dev.

This project allowed me to practice React fundamentals (such as props and state), create forms with validation, and experiment with a drag and drop library.

Listo — A *kan-ban style productivity web app*

JavaScript | [GitHub Repo](#) | [Live Demo](#)

Inspired by Trello, I wanted to create a kan-ban style board focused more on the solo worker. It allows users to create, update, and delete lists and cards, add due dates and priority levels, and see approaching due tasks in a task timeline.

Listo was a great opportunity to try taking an OOP approach to JavaScript and to work with larger datasets. I also took the opportunity to get more comfortable using Local Storage.

Reddit Only Parent Comments — A *browser extension to hide child comments on reddit.com*

JavaScript, WebExtensions API | [GitHub Repo](#) | [Firefox Addons Entry](#)

Many Reddit users, including myself, wanted a simple way to only see parent comments in threads e.g direct responses to the original poster. I created a lightweight browser extension which uses Reddit's own URL query parameters to auto-force all threads to only show their parent comments.

This was my first look at creating and maintaining a browser extension. I learned how browser extensions are typically structured, the APIs available to extensions in Firefox and Chrome, and the differences between manifest v2 and v3.

EDUCATION

Glasgow Caledonian University — *BSc Psychology (Hons) 1st Class*

September 2012 - August 2016

Covered a range of topics and schools of practice on human thought and behaviour. I also authored a dissertation concerning personality and its relationship with Just World Theory.

HOBBIES & INTERESTS

Outside of work I like to keep fit by weightlifting a few times a week and playing a round of golf at the weekend. I also enjoy building PCs, playing video games, reading non-fiction, and visiting new restaurants when I get the chance.

REFERENCES

Available on request.