Giles Barber

Frontend Developer

London

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in linkedin.com/in/gilesbarber

 GitHub portfolio

Summary

Creative frontend developer specialising in interactive web applications. A fun packed decade of experience in e-learning and EdTech under my belt. I love bringing online content to life using interactive assets and gamification concepts that help the user retain key learning points. Passionate about gamification, accessibility, semantics and using Web Standards to deliver an intuitive experience to the user.

Technical skills

HTML5 • CSS3 • SCSS • JavaScript • Vue • jQuery • React • TypeScript • JSON • GitHub NodeJS • Webpack • NPM • CMS • Jira • SCORM • Adobe Creative Cloud • Asana • Jest

Experience

Frontend Developer
EnglishScore
Jul 2022 - Present

• Developed new features for an EdTech start-up backed by the British Council
• Wrote reliable code in Vue with Typescript for web applications
• Used VueX, Vuetify, Vue Router to maintain code-base and wrote tests using Jest
• Made client-side RESTful API calls build pages from live user data as well as patching to database
• Released new features on a B2B dashboard and bespoke CMS as well as improving stability,performance and accessibility
• Worked in fortnightly agile sprints using Jira and releasing features using gitHub

Interactive Developer
Avado
Jun 2018 - Jul 2022

• Worked on e-learning platform utilising an agile model with weekly sprints
• Involved in launching five new online courses including apprenticeships, Professional Qualifications & Google's Digital Marketing Course
• Built interactives using React along with relevant web technologies.
• Developed 30 new interactives including 12 gamified quizzes - accessible to WCAG 2.1 standards
• Developed UI skills and general creative process through weekly design crit

Web Producer
TIO International
Oct 2017 - Jan 2018

• Managed new website builds as well as ongoing development projects for 35 clients in a fast-paced agency providing full service consultancy to orthodontist practices in the UK, Australia and the US
• Delivered a workshop for 20 clients on the benefits of online reputation management and how to deliver content through social media channels

Assistant Marketing Manager: Web
Oxford University Press
Jun 2016 - Oct 2017

• Coded and launched over 20 ELT student websites
• Developed new games templates using HTML5, CSS3, JavaScript and JSON
• Successfully delivered 7 sites to meet a tight deadline at the start of the academic year.
• Led a team to adapt 3 of our flagship sites to reflect a major reform to the curriculum in one of our biggest markets.
• Co-ordinated responsive design retro-fit for legacy content guaranteeing graceful degradation across browsers.
• Conducted usability testing with end users to test our site's proto-type mobile view.

Web Project Coordinator
Oxford University Press
May 2011 - Jun 2016

• Developed and implemented an HTML5 conversion strategy to update our site with responsive design.
• Developed new games templates using HTML5 and JavaScript to replace interactive content and discontinue use of Flash in our most popular websites.

• Project managed the build, testing and launch of 5 new websites to deliver more customer focused resources to students in one of our largest markets.
• Improved our competitive edge by using minifying and optimisation techniques to improve site's pagespeed.
• Key role in the OUP Mexico website in the local market, travelling to Mexico City to train the in-house team on how to develop the site using the CMS
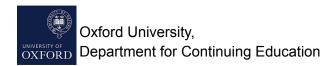
Education

Oxford Brookes University

BSc (Hons) Publishing with Anthropology. 2:1
2004 - 2008
• Dissertation in Design and web usability

Oxford University,
Department for Continuing Education

Courses - 2014 -2015
• Intermediate Web Design and Development
• Responsive Web Design and Development
• JavaScript