

Maxim McNair - Full Stack Javascript Engineer

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I'm a full stack Javascript Developer with 10+ years experience in writing concise test-driven code. I'm currently focused on building complex real time web/mobile applications with React and Typescript. I also have experience designing and building robust and scalable APIs with Node.js, including user authentication, that have passed multiple external penetration tests.

TECHNICAL SKILLS

TDD, React, Typescript, Next.js, React Native, Svelte, GraphQL, Node.js, Jest, Cypress, Postgres, SQL, MongoDB, CSS, Styled Components, Git, Vim, Blender.

WORK EXPERIENCE

Senior Developer, Nmblr @ [Neverbland](#) - 2019 - 2022

Nmblr is a real-time collaboration platform for research and discovery in pharma. I led the construction of this greenfield project with a focus on building an interactive and real-time app with drag-and-drop functionality throughout.

- Heavy use of custom React components for each step of the discovery process
- Interactive custom diagram builders in Canvas
- Real-time updates with Node.js based GraphQL subscriptions and polling
- Type-safety with Typescript, e2e testing with Cypress.js and unit tests
- Granular permission system to control user input across roles and regions
- Setup and managed live environments with AWS

Senior Developer, [Bulb](#) - 2018-19

Bulb is a Green Energy supplier, and a challenger to the established 'Big Six' energy companies. I led the rebuild of their mobile app in React-Native to work across iOS and Android with their new GraphQL API.

- Hired and led team of contractors to help build out new React-Native app
- Worked with designers to build their redesign vision across iOS and Android

- Helped build Node.js based GraphQL API
- Built out payment history and debit debt management
- Upgraded security for biometric support

Senior Full Stack Javascript Developer, Boiler Room - 2017-18

Boiler Room is a music broadcasting platform that streams live events from across the world. I worked on a React-Native app for iOS, Android and tvOS to replace the native iOS app. It has approximately 30k regularly active users and has been featured on Apple's App Store and Google Play. I also worked on an Express/React replacement for the Wordpress site.

- Led development of tvOS app that launched with a worldwide feature in top banner of Apple's App Store
- Led Android performance review (cutting render time in critical areas by 70%)
- Implementation of a custom video and audio player on mobile apps
- Introduced a culture of unit testing and increased code coverage of website codebase from 0% to 60%
- Mentoring and assisting junior devs

Lead Developer (Admin System), [Fresh8 Gaming](#) - 2014-16

Fresh8 is an award-winning, automated and personalised advertising platform built specifically for the sports betting industry. Using machine learning to classify sports content, as well as behavioural data from analytics, the platform determines the best advert to display in milliseconds. I worked as the lead dev of the Node/angular based admin system used for controlling around 150 million adverts a day for several of the biggest global bookmakers, including SkyBet, William Hill, and Coral.

- Led design and development of secure Node/Express API (pen tested by multiple external companies)
- Built advert scheduling interface to work across multiple languages and time zones
- Built interface for viewing advert analytics (segmentation, funnels etc)
- Led team hiring process
- Over 90% code coverage with unit tests and e2e testing of all core business logic

Frontend/Javascript Developer, Synth Media - 2011-14

EDUCATION

1st BA Hons Graphic Design, Bristol - 2011

International Society of Typographic Designers - Awarded membership by typographer Erik Spiekermann - 2011