

Kieran O'Neill, BSc.

Phone: +44 7790254001

Email: kieran.oneill@protonmail.com

Website: <https://kieranoneill.com>

LinkedIn: [kieranroneill](#)

Twitter: [@kieranroneill](#)

Github: [kieranroneill](#)

The Snapshot

- > A conscientious JavaScript engineer, having over 8 years' experience and I am well versed using JS in ES5 and ES6+, but my go-to is Typescript... I really love TS!
- > Extensive commercial experience using frontend frameworks (mostly React now).
- > Extensive commercial experience using Node.js in a variety of different ways; simple web servers, microservices, desktop apps (Electron), serverless functions (AWS Lambda, GCP Cloud Functions and Serverless).
- > Strict BDD & TDD practices - from writing Gherkin scripts in Cucumber to integration testing using Jest/Enzyme for React components; testing is at the heart of my development flow.
- > I dockerise all the thingz.
- > Extensive DevOps with AWS services and using Terraform to init, plan, apply and destroy(!) said services.
- > Intermediate experience with Go (but quickly becoming a fav): I implemented an auth microservice that provides short-lived machine-to-machine JWTs for services to communicate.
- > Using React Native for some personal projects, and is now my go to framework for building out mobile applications.

The Ambition

My experience as a software engineer began in frontend development, be it native mobile apps or JavaScript SPAs, however, several years ago I jumped into NodeJS and this has allowed me to fully embrace a full-stack discipline. However, I have further extended my knowledge of backend systems by investing my time into learning the awesome language: Go.

Regardless of the technology I work on, my main focus always lies with customer experience and I firmly believe this is achieved using a strong BDD approach.

The Story

MoonPay, Global

Mar'21 - Present

Full-stack Engineer:

- > Within the Compliance and Fraud team implemented such features

- as an auto-refund and improved the KYC experience for new users
- > Extend the business intelligence capabilities using Looker.

Askporter, London**Nov'19 - Mar'21***Full-stack Engineer:*

- > Implementation of a payments service, using Stripe. However, this dependency was kept to a minimum, thus, allowing the service to have greater flexibility to meet the challenges the platform as whole is trying to solve for its customers.
- > Moved the existing monolith architecture into a multi-tenancy microservice architecture.
- > Implemented Terraform for the whole platform.
- > Moved the platform from Auth0 to a custom auth microservice implemented in Go.

Local Heroes, London.**Nov'18 - Nov'19***Contract Full-stack Engineer:*

- > Maintenance and extension of the microservices infrastructure using NodeJS, GraphQL, Docker, Terraform and AWS.
- > Creation of various front-end applications using React and React Native (mobile apps).
- > Implementation of a new payment service using Stripe and AWS Lambdas.

Bulb, London.**Apr'18 - Oct'18***Contract Senior JavaScript Engineer:*

- > Extended the NodeJS API backend for a variety of services across the organisation.
- > Implemented new features for the frontend account portal.
- > Part of a full rewrite of the Bulb sign-up site; moving from Angular 1.5 to React/TypeScript.

Discovery Networks, London.**Jul'17 - Apr'18***Contract Senior JavaScript Engineer:*

- > Greenfield project to build a new web player component that was used on the [eurosport.com](https://www.eurosport.com) site during the Winter Olympics 2018 and watched by over 2 million people over 2 weeks.
- > Provided lead direction on technology stack, front-end architecture, styling guidelines and implemented a full CI/CD pipeline using CircleCI.
- > Used a strict BDD approach with every ticket implementing a "3 amigos" session that bore feature files (Cucumber) written before code.
- > All code was undertaken using TDD, with the unit tests for the player component (Jest/Enzyme) and integration tests for the Eurosport/3rd party sites (Selenium) the responsibility of each developer.

YouView Ltd, London.**Jun'16 - Jul'17***Full-stack Software Developer:*

- > Building of UI and middleware using languages such as TypeScript, Swift and Java, to deploy a cross-platform device ecosystem: TVs, STBs, Chromecast, Mobile and wearables running

- Android/iOS and embedded web-browsers.
- > Cross-platform Mobile UI Development with HTML/JS hybrid solutions using common JavaScript frameworks and libraries.
- > Development of cross-platform services, libraries and frameworks for Mobile and embedded Linux platforms.

Element 43 Ltd, London.

Oct'15 - Jun'16

Freelance Software Developer:

- > [Certua](#) - a serverless React frontend to a headless CMS. The website needed a strong emphasis on SEO, so careful use of routing had to maintain good meta data and analytical reporting.
- > [Rindle](#) - an Angular app where I developed a lot of features for the frontend. This was a cool project because they are based in the US and I was working remote, so stand-ups were at 1pm!
- > [Diverse Dance Mix](#) - full-stack developer for their customer facing app and their admin CMS. Both apps were fully bespoke using and built using the MEAN stack.

Radical Company Ltd, London.

May'14 - Oct'15

Senior Software Developer:

- > Worked on client-side and server-side applications using technologies ranging from iOS & Android, to web applications using Angular, PHP, WP, Node.
- > Built many apps for high profile clients such as Barclays, Lloyds, Legal & General and Nestle. Other clients included EIC, Royal Borough of Kensington and Chelsea and Shoot magazine.
- > Co-authored the implementation of an in-house agency management platform. Acting as a fullstack developer, I built both backend and the frontend web & iOS apps. Later, we white labelled the software to another consultancy.

Car Delivery Network Ltd, Oxfordshire.

Jul'12 - May'14

Mobile Developer:

- > [vinDELIVER](#) (Android) - sole developer for the maintenance of the flagship Android application.
- > [vinDELIVER](#) (iOS) - sole developer for the implementation of iOS version of the flagship application.
- > [vinREQUEST](#) (Android) - designed, implemented and deployed a new native Android application that moved some of the core functionality of the main web app to mobile.

The Prologue

Oxford Brookes University, Oxford.

Sep'09 – Jun'12

> BSc Computer Science

Dissertation: "Using Inference And Disambiguation On Question-driven Input To Achieve Story Comprehension" - The natural language understanding (NLU) program I developed was selected to be presented in the University's promotional video (check my LinkedIn profile, the video will make you chuckle) and I have showcased it at several opening days for prospective students.

Open University.

Oct'07 – Jun'09

> Diploma in Computing

The Spare Moments

Although I spend a lot of time learning about new tech, my current focus is heavily invested in the emerging blockchain & decentralised technologies and making the world a more decentralised place :)

During the moments of my life where the driver seat is vacant, I enjoy gaming (story driven games are my favs), space opera novels and freediving.