

# OSCAR WATSON-SMITH

Sydney, Australia · [REDACTED] · [REDACTED] · watsonsmith.com.au

## WORK EXPERIENCE

### **Brighte**

*Senior Frontend Engineer*

Sydney  
July 2021 - Present

- Developed an open source Design System and Component Library in React / Typescript using tools such as Radix, EmotionCSS, Playroom & Storybook
- Presented to and negotiated with C-Suite stakeholders within the business for technical projects within my domain. Including the management of multiple project roadmaps and estimating the scope of any new work in the pipeline
- Built a client management portal for critical business partners using Next.js that interfaced with a Keystone.js CMS.
- Mentored junior and newly hired engineers in the team through consistent checkins and one-on-ones, code pairing sessions and code reviews

### **Linktree**

*Frontend Engineer*

Sydney  
January 2021 - July 2021

- Responsible for solution wide frontend architecture decisions. This included collaborating with backend teams to deliver features in parallel
- Optimised the performance of a Next.js application receiving over one billion visits a month
- Implemented module federation alongside micro-frontends in order to break apart an existing monolithic application into manageable, squad-owned, micro-services
- Shaped a golden pathway for rolling out a design system and corresponding component library
- Onboarded new frontend engineers and maintained onboarding documentation

### **Kablamo**

*Frontend Engineer*

Sydney  
August 2019 - January 2021

- Work with clients pre-engagement to develop a project plan and extract key requirements in order to close deals
- Managed the end-to-end development of enterprise sized internal and public facing applications. Oriented towards micro-services architecture in AWS environments using Node.js or Go and lightweight SPA's written in React / Typescript
- Developed an internal design system for company wide use at one of Australia's largest telecommunication companies. Built with Typescript, React, Storybook and component level Jest tests
- Created an integration layer utilising API Gateway and Lambdas in TypeScript that aggregated and cleaned information from over 20 critical downstream services for front-end consumption at the same telecommunication company
- Built a dashboard containing reports, analytics and dynamic graphs in D3, React + Typescript for visualising the output of a data lake for an Australian listed property group

### **Resident Advisor**

*Fullstack Engineer*

Sydney  
January 2017 - August 2019

- Redesigned our front end framework using React, Next.js and Apollo with an accompanying internal design system. This included snapshot testing using Jest and storybook prototyping
- Modernised our legacy backend (VB, WebForms, ASP.NET) with the creation of a .NET Core Web API behind a GraphQL layer
- Maintained and expanded an in-house ticketing and payments system that processed large volumes of transactions for high traffic events. Interfaced with multiple payment gateways such as Braintree, WorldPay and ApplePay
- Experienced in working within an agile environment across two teams in London and Sydney operating in week long sprints. Implemented modern software practices and tools such as TDD and CI/CD (Including Jenkins, Teamcity and Octopus)

### **Macquarie Bank**

*Fullstack Engineer (Co-op)*

Sydney  
June 2016 - January 2017

- Developed a Python based web app that utilised two Atlassian API's (Jira & Stash) for internal checks and then emailed summarised information to authorised users. The web app was used by leadership to automate management related requirements before code could be merged
- Migrated essential internal applications and services from internal hosting to Amazon Web Services as a part of Macquaries Cloud Initiative. (EC2, Cloudfront, S3, Cognito, Lambda, DynamoDB)

## PROJECTS

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### **Nomad Radio**

<https://nomad.radio>

Founded an independent, community oriented radio station in Sydney with the purpose of showcasing independent artists. Managed partnerships and brand deals for the station. Organised and hosted events at venues with capacities of over 400 people. Co-ordinated and communicated with a roster of over 40 residents for the day-to-day operation of the station