

PROFILE

I am a senior frontend web and mobile developer with 7 years experience in startups and commercial industries. I work best prototyping and developing ideas; taking concepts through research, design, testing, and implementation. I lead the frontend team in producing user-centric products and work closely with product managers and UX designers to evaluate and test assumptions.

SKILLS BREAKDOWN

Languages: Primarily JavaScript with experience in Python

JS Frameworks: React, React Native, NextJS

HTML5 & CSS: Styled Components, PostCSS, SCSS, Bootstrap

Build tools: Webpack, Parcel, NPM/Yarn, Gulp

Mobile: React Native, Cordova, Ionic

Database: PostgreSQL, MongoDB

Testing: Jest, React Testing Lib, Cypress, Detox

Process: Git, Github, CircleCI, AWS

Prototyping: Sketch, Craft, InVision, Framer

RECENT EXPERIENCE

Feb 2017 - July 2019 | **Lead Frontend Developer**

Airsorted

Lead Frontend Developer at Airsorted. I lead the user-facing squad in producing user-centric web and mobile applications, enabling hosts to share their home with the world. Responsible for managing work of 6 frontend/full-stack developers, liaising directly with senior product managers and actively developing testable, data-driven products.

Key Activities & Achievements:

- Working with senior PM on sprint planning/backlog grooming, user testing and prototyping
- Evaluating technologies/frameworks, coordinating tasks, and establishing developer processes
- Leading development (and occasional helping with design) of all user-facing products
- Research and core development of Host Dashboard application (large React based SPA), used by thousands of hosts daily as their main interaction with the business
- Proposal, design and implementation of native mobile Cleaner App (iOS & Android - React Native) which transformed how we interact with, and measure the effectiveness of our cleaners
- Lead development of Guest App using server rendered React (NextJS) drastically reducing load times and delivering an enhanced experience to guests
- Design and development of guest verification process allowing the business to diversify away from Airbnb onto other platforms whilst maintaining security for hosts
- Lead effort to promote component reuse across projects using Lerna & Storybook
- Setup automated integration tests on CI to give developers absolute confidence in their builds
- Mentorship and training of 2 junior developers to accomplished members of the team

Dec 2015 - 2017 | **Lead Frontend Web Developer**

Squirrel Financial Wellbeing

Core member (second hire) of Squirrel, a FinTech startup helping people manage their money. I led frontend development, working with the product team to prototype, rapidly develop and iterate on the application to drive growth.

Key Activities & Achievements:

- Lead frontend developer responsible for web (Angular 1x) and mobile (Cordova) application
- Contributed to successful effort to establish and maintain excellent code coverage via unit and integration tests that lead to a highly effective, manageable codebase
- Contributed to Python (Flask) API and expanded my knowledge of RESTful services
- Prototyping and development of native mobile experience (React Native) - unreleased
- Design of web and mobile application (UI/UX) as well as the design and development of the public website
- Carried out user research and usability testing with product manager to test assumptions and ensure a lean product development process
- Set up tracking and user analysis tools to allow in-depth research into user flows and funnels

Jan 2012 - 2015 | **Frontend Web Developer**

TBR Global

JavaScript and .Net developer at TBR Global, a technology-driven ground transportation company. I helped move the company from a legacy stack to modern technologies and instilled the values of agile in the technology department.

Key Activities & Achievements:

- Lead developer of web and mobile applications allowing operations staff to track and manage jobs globally in real-time (Angular 1x SPA)
- Rapid prototyping of MVP to convince IT department of new technology stack (Angular 1x, .NET Web API, SignalR)
- Development of GPS enabled driver tracking application using Apache Cordova
- Developed My TBR - chauffeur booking application used by 500+ global clients, responsible for hundreds of bookings daily and driving growth

PAST EXPERIENCE

Web and print designer

TBR Global

- Responsible for global brand: design/development of company website as well as web and print-based marketing material.

Freelance web designer

- Throughout my early career, I've supplemented my day to day work by developing and designing a number of small business and e-commerce websites/applications for companies in the UK and abroad.

EDUCATION

BSc Hons Multimedia Technology; the University of the West of Scotland.

Court Medal 1st, 2nd and 3rd year (best student in the year).

HOBBIES & INTERESTS

In my spare time I enjoy; long-distance running, climbing, playing and recording guitar, reading, and indie video games.