

Brian Smith

Software Engineer

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PROFILE

I am a motivated problem solver with a passion for programming and entrepreneurship. The main technologies and frameworks I use to build web and mobile applications include: Javascript, React.js, React Native, Node.js, Java for native Android development, Python and Amazon Web Services. I enjoy working on products that are technically challenging and make a difference to peoples lives. I also have a keen interest in machine learning and the reading about the brain. I run a development blog called www.bsmithdev.com where I write about interesting programs I develop in my spare time. I play hurling for my local team Ballinteer St.Johns and have represented Dublin hurling at Minor and under 21 level.

EDUCATION

Leaving Certificate - St.Benildus College 2017

FIT Software Apprenticeship Program - (Sponsor company Accenture The Dock)

Self-taught developer using Youtube and Udemy and several books

LANGUAGES

Javascript, Java, Python, Rust, Bash Scripting, SQL, C#

FRAMEWORKS/ TECHNOLOGIES

React.js, React Native, Node.js, HTML5, CSS3, D3.js, Redux, Express.js, Native Android Development, MongoDB, Amazon Web Services, AWS Lamda, Elastic Beanstalk, Firebase, Docker, Java Play framework, JavaFX, Git,

TOOLS

Github, Jira, Trello, VS Code, Android Studio, Xcode, Slack, Postman

EXPERIENCE

Software Engineer @ Cartrawler - July 2017 to Present

After secondary school I was accepted onto the Fast track to IT program with Accenture The Dock as my sponsor company. There I spent 3 months on a C# course

run in Tallaght. I was then offered a job by Cartrawler's CTO at the time - Bobby Healy who was looking for young developers finishing secondary school to join Cartrawler.

I am currently working on Cartrawler's frontend web platform with Javascript, HTML5 and CSS3 and the Java Play framework. Some of our client's websites i've worked on include Emirates, Ryanair, EasyCar and Hawaiian Air. I spent a year and a few months working on Cartrawler's on-demand taxi mobile application (Cabforce On-Demand) with React Native. It has now been released with Emirates (Emirates Skywards Cabforce). I worked mainly on developing the on-demand Android SDK so clients could integrate our taxi app into their Android app. This involved native Android development (Java) and a lot of work with communicating across the React Native bridge between Javascript and Java.

Part-time CTO & Lead Developer @ Sweep - April 2018 to Present

I am working on car buy and sell mobile app in my spare time called Sweep with a friend of mine who is the Chief Product Officer at a start-up called News Over Audio. The app is in early stages and I am currently working on the MVP. So far I have developed the iOS and Android app using React Native, a secure backend using Node.js/Express.js running on AWS infrastructure, an image compression AWS Lambda function written in Python and an autonomous web scraper written with Node.js to synchronise our backend with our potential partner's websites. We are still in early stages. At the moment we are trying to get dealerships on board to trial the product.

Co-Founder @ CS Software - Feb 2015 to July 2018

After starting my hurley making business and found it hard to get cost effective web development, I decided that there was a gap in the market for low cost web development services. So I started a business called Dundrum Web Design with a friend of mine. Over the next few years we designed and developed web applications part-time for Irish SMEs using JavaScript, ReactJS, Firebase, and AWS. We soon changed the name to CS Software. We initially started selling web design services to businesses in our local area. Our biggest job was a website for Dominick Comerford Architects but after that we decided we wanted more challenging work and moved on to building web applications. I then worked on a web application (for a local gym owner) called ineedatrainer which was to match people across Dublin with personal trainers. It had a Firebase backend and was initially built with vanilla Javascript and HTML5 on the frontend. I also built a web app with an image archive management system for my old school St. Benildus College. I used React.js on the frontend and Node.js/Firebase on backend <https://benildus-college.firebaseio.com/> .

Founder and Hurley Maker @ Smith Hurleys - March 2014 to Feb 2015

I started Smith Hurleys when I was in secondary school as there were no hurley makers on the Southside of Dublin. I had been doing woodwork and really enjoyed it so I set about learning how to make hurls and from there I launched a business. I started selling my hurls to friends on my team and in school. But soon found the consistency of my hurls was not good enough to compete with hurls from down the country. In hindsight I should have spent more time improving my hurling making skills and perfecting the craft before trying to sell my hurls. While I was setting up my business I built a website to sell my hurls, this was my first introduction into web development and the world of software.

REFERENCES

References available on request.