Current

Jun 2021

#### enum KeySkills: String

case App Development
case Cloud Architecture
case Team Leadership
case Project Management
case Effective Presentation

#### let Profile: [String]

I'm a 28-year-old full stack developer from Edinburgh, Scotland. For the last  $\sim$ 5 years I have focused on native development and cloud microservice architecture. I've built software since I was 12 years old and still haven't found anything I enjoy more, vocationally or otherwise.

I write software in Typescript, JavaScript, Swift and PHP primarily and dabble with a good number more. I build native applications for iOS, Android and MacOS, and web.

### let Expertise: (String, Int)

# case Typescript case Javascript 11<sub>Y</sub> case Swift case GLSL case Express case Adonis case React case NextJS case NuxtJS case Serverless case MySQL case Postgres case Redis case DynamoDB case Reanimated case Redux case Webpack case PHPUnit **7Y** case AWS case Android case macOS case Windows case Electron case PowerBI case TeamCity case CodePipeline case Github Actions

### let Experience: [IExperience]

# Lead Mobile Developer Ascenti Health Ltd.

After joining Ascenti's mobile team I orchestrated a complete tech refresh on their existing mobile application, "Ascenti Reach". Broken down this consisted of two challenges; Modernising the mobile application, and modernising the server side service.

For the mobile application I was required to update a dated, OOP, Javascript, React Native application, transforming the codebase into a modern, functional, Typescript, React Native application, with a reduced number of dependencies and a proper CI/CD pipeline to automate the build and deployment.

For the service I had to break the monolithic server application written in Javascript, NodeJS, and Express down into many efficient micro services, written in Typescript. This means that each function is executed on demand and is infinitely horizontally scalable, rather than constantly alive and listening for requests. As it was a client requirement to use Azure, and given the lack of support for Azure in the Serverless Framework ecosystem, this included creating and maintaining a miniature framework to better realise the concept of DRY.

I additionally had the opportunity to define coding standards, branch management strategies and, as lead on an, albeit small, team, took time to mentor team members and present concepts and technologies to the team and wider department.

## Senior Full Stack Developer

JayStack Zrt. Aug 2019 Jun 2021

After becoming a senior I took on a larger role in planning projects, remotely managing teams of developers spanning multiple countries, developing and maintaining company-wide boilerplates for use in projects, learning new technologies for future projects and implementing into our existing stacks and became specialised in a few specific areas, including native development for MacOS, iOS and Android. I also started learning a few new languages such as C# and Kotlin to improve the range of platforms I could develop for. My time at JayStack at this point has given me a huge range of experience, developing for multiple specialist industries and encountering a myriad technical challenges, and has been the most valuable experience in my working career.