Dr Chris Greening

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I have more than 26 years of experience in the tech industry with over 20 of those in senior leadership positions. I work in roles ranging from strategic/managerial to highly technical, coding at the coalface.

I bring a wealth of experience to any job having worked in mobile telecoms, retail banking, fintech, e-commerce and mobile app development (both native and cross-platform).

Over the past 5-6 years, I have become heavily involved with startup/scaleups taking on the role of CTO. In these roles, I have created teams and built products from scratch that have been successfully rolled out worldwide.

I have also carried out several short-term consulting jobs where I have been able to rapidly build MVPs and provide advice on hiring the first tech hire and scaling the business.

I am an **AWS Certified Solutions Architect** and have also completed numerous courses on machine learning and artificial intelligence. I am currently in the process of completing the Deep Learning Specialization on Coursera.

I have considerable experience in architecting and building both backend and frontend solutions having built many systems using a range of technologies:

* **TypeScript**/**React**
* **Rails**
* **Python (Django and Flask)**
* **Node.js (express)**

I am a genuinely nice guy and a pleasure to work with. I am comfortable both leading a team and being a member of a team and am always looking to learn something new.

I have never left a job on bad terms and provide ongoing technical advice to several previous employers. I have frequently been brought back into the same company after several years working elsewhere.

References are available on request.

# Experience

## Topolytics – Consultant, March 2020 – Present

Topolytics is a data and analytics business focused on the circular economy.

I have been providing Topolytics with ongoing technical advice for some time and have recently delivered several projects including:

* Integrating with Defra’s Government Gateway identity service to provide a simple login mechanism for Topolytic’s new waste tracking service
* Built and deployed a Waste Capacity Platform for Zero Waste Scotland to enable local authorities to easily track resources available from waste providers during the Covid crisis.
* Built an internal data platform based on Google’s Data Catalogue service for managing reference data

Skills: Python, Flask, Django, TypeScript, React, GCP, PostGIS

## Stampede – CTO, September 2019 – Present

Stampede provides marketing automation software using WIFI hotspots.

I joined Stampede in September 2019 and in addition to the tech team was made responsible for the support, implementation and customer success teams. My immediate priority was to stabilize the platform and plan out the product roadmap for next year.

* Stabilized the existing technology stack
* Onboarded a new head of engineering
* Introduced unit testing to the monolithic PHP application
* Improved reporting from implementation to get 90% of all implementations delivered within 14 days
* Brought in agile processes into an environment where previously there was no process

Skills: TypeScript, React, Docker, AWS, Fargate, MySQL

## MRM Global – Consultant CTO, October 2015 – September 2019

MRM is disrupting the global print management industry with a unique Web2Print application for the drinks industry.

I led and built the company’s R&D team. Built and rolled out globally an industry-leading technology platform with drinks companies including Bacardi, Diageo and Carlsberg. During my time at MRM, we grew the business from 15 employees to 45 doubling revenue every year. Responsible for R&D, IP, technical direction and representing the company to customers, investors, partners and the board of directors.

* Built a highly complex sophisticated ReactNative application
* Ported the native application to Web to create an equivalent web application
* Hired a team of developers
* Represented the company at sales meetings with global customers
* Product management
* Agile coaching

Skills: React, React Native, Azure, Node, C#, PostgreSQL, SQLServer

## Caresourcer – Consultant CTO, Jan 2017 – July 2017

Provided advice on options for their technology stack, sources a developer to maintain and enhance their existing system, provided ongoing advice as they built out their full team.

## Singletrack Ltd – Consultant, March 2014 – Sep 2015

Singletrack is a Fintech company servicing both the buy and sell-side. I came on board to help prototype their mobile app and stayed on to build several Rails applications.

* Prototyped a mobile application using Salesforce as a backend
* Built a research portal using Rails
* Built an XML processor and distribution system for research from analysts

Skills: Rails, iOS, Salesforce

## Consultant, VitalPAC, May 2014 – Apr 2015

I joined the VitalPAC mobile team to build the next version of their in-hospital Doctor and Nurse applications.

* Provided technical leadership to the team
* Re-architected the network communications module to modernize it and add security
* Migrated to Git as the version control system
* Introduced unit tests and UI tests

Skills: iOS

## CTO, Rock'N'Pivot Ltd, January 2013 – Feb 2014

Built and deployed a social shopping website

* Set up continuous integration and deployment system on top of Jenkins enabling one-click deployment straight to production from QA.
* Architected the website.
* Designed the production, QA and staging environments on top of Amazon Web Services.
* Website development.
* RESTful API for the native and web front end.
* Built the native iOS application.

Skills: Java, Unit Testing, Jenkins, PostgreSQL, AWS, iOS, JavaScript, Node

## Head of Mobile, Time Out Ltd, August 2012 – December 2012

Short term contract to manage the mobile team.

* Hired a new team of developers and team lead
* Re-factored the codebase to bring several apps that had diverged over time back to a common code base which could then be rolled out across multiple cities
* Set up a continuous integration server for the mobile team deploying directly to TestFlight.

Skills: iOS, Android

## Mobile Lead, Handmade Mobile Entertainment Ltd, November 2010 – August 2012

Originally worked with Handmade Mobile on a simple wrapper around their mobile-optimized website with some extra functionality for handling photo uploads and notifications. Subsequently was hired to lead the development of a new fully native application.

* Worked directly with the back-end team to develop APIs for the application
* Set up an agile process with sprints
* Set up a continuous integration server for the mobile team deploying directly to TestFlight
* Worked directly with the product management team.
* Built the Android version of the application and hired a new Android developer to continue the work.

Skills: iOS, Android

## UK R&D, Metrico Wireless, November 2007 – July 2010

Metrico Wireless was a mobile handset testing company. Most notably responsible for testing the initial versions of the iPhone.

* Developed mobile handset testing software for J2ME, iOS, Android
* Designed and built the licensing server for mobile clients
* Developed a video quality testing system
* Supported the new UK office in customer meetings.

Skills: iOS, Android, C#

## Career Break, November 2006 – November 2007

I took the opportunity from the sale of Actix to travel around Central and South America

## Architect/Dev Manager, Actix Ltd, January 2003 – November 2007

Continued my time at Actix as we grew to almost 200 people with offices in the UK, Asia, China and America. Led a team of developers building an online enterprise version of the Actix desktop software.

## Consultant Architect, Philips, January 2001 – January 2003

I was brought in to help build Philip’s consumer electronics and domestic appliances web sites. This role was split between London and Eindhoven.

## Contract Programmer, NatWest, September 1996 – September 1997

Worked on the initial online banking offering from NatWest.

## Consultant, Actix Ltd, September 1994 – September 1996

Joined Actix as employee number 5 and worked extensively on their new product range that allowed mobile operators to analyze and plan their networks. In my first two years at Actix, we grew to around 30 people with offices in the UK and America.

# Education

1992 – 1995 University of Essex (PhD, Image Processing)

1989 - 1992 University of Essex (1st class Hons, Electronic Systems Engineering)