I have been working in the software industry since 2000. I am very self-motivated I love working with and learning how to utilise new skills/technologies.

## **Professional Certifications**

TOGAF Level 2 Certified

## **Technical certifications**

Microsoft Certified Solutions Developer  
AZ-300: Microsoft Azure Architect Technologies

## **Work experience**

## **Contract Application Architect + Interim Lead developer BLM Law - October 2017 - July 2019**

Flocase is a set of software system(s) that runs the lawyers case work at BLM. It comprises of a number of SOA based services / microservices.

* Creating technical documentation from business requirements.
* Creation and implementation of coding standards & prescribed methods for development.
* Introduction of quality procedures including peer code reviews and TDD.
* Large scale architectural changes to the software and development process to allow project to progress to completion.
* Closely working with BA and Test departments to create workable requirements.
* Technical interviews for new developers.
* Hands on refactoring framework code.
* Mentoring developers.
* Backlog management/refinement in TFS.
* Technologies: C#, .Net, .Net core, EF, Web Api (REST), Team City, Octopus.  
  Javascript, Angular JS, Typescript, T-SQL.

I am also currently covering the lead developer role while they look for a permanent member of staff for this role. This involves overseeing, two scrum teams working on product improvements and a BAU team - 10 developers overall.

## **Artery Digital Freelance - Sept 2017 – October 2017**

* Setting up quality systems such as VSTS, build and release pipelines
* Appraising existing projects and processes.

## **Contract software engineer / lead dev at Rolls Royce (Digital) July 2016 – June 2017**

* Completed several integration projects using Power BI in conjunction with Azure machine learning, Open R, web services and azure web apps to analyse and display data from engine health management systems.
* Designed the Feast-X system - an analytical system to assist engine specialist’s link aeroplane engine failure modes to monitoring methods for predictive maintenance and analytical purposes
* Led a small scrum team to stand the product up in the enterprise environment (Azure) using MVC 5, Unity, Web API, Entity Framework 6 (POCO) and SQL 2016 with an Angular JS app for the ‘live’ analytical workshop tool within the system. We later refactored and split this up using a microservices approach with .net core.

## **Freelance November 2015 – July 2016 Artery Digital**

* Creation of restful Web API using ASP.net Web API 2 framework which provides document storage information for B2B communication.
* Designed and built an AngularJS offline web application using the javacript Pouch DB framework to synchronise with a Couch DB database on the backend providing drug information for dental practices.
* Designed and built a proof of concept web conference system using Web RTC to control the screens of all participants enrolled in an online conference, including playing videos, live presentation, slide shows, audience participation polls and questionnaires.

## **Contract – Lead developer at ePAQ systems LTD 2007 – 2015**

ePAQ is an electronic questionnaire platform for NHS trusts. It enables patients to fill out questionnaires relating to their health problems from home. This data was automatically imported into the NHS’s N3 network over WCF services and attached to the patient’s demographic data on the corresponding trusts N3 ePAQ system.

We had systems running on www communicating with application instances running within many NHS trusts and on our own N3 hosted servers.

* Design of the ePAQ system a distributed questionnaire system used in 10+ NHS trusts
* Led the development of the distributed system.
* Meeting with NHS consultants to gather requirements / draw up specifications, plans and timescales for projects.
* Design/implementation of the company’s IT infrastructure on the N3.
* Creation of interfaces to and from different NHS software and applications which could involve anything from HL7 message format over SOAP to standard web services and rest services.
* Managing workload and mentoring junior developers.
* Technologies: C#, MVC, entity framework, SQL Server 2008 - 12, WCF web services, Ninject and a HTML5 front end using bootstrap. For the company’s touch screen questionnaire software I used an Angular JS front end.

The days I worked for ePAQ varied as their work required and in this time, I also took other contracts/work most notably for Artery Media (recently renamed Artery Digital), I also pursued other none IT related work in this time.

## Cubic IT: Senior developer Dec 2005 – 2007

* Most of the work involved customising CRM’s and system integration work within various soliciting and law firms.

## Quba New Media: Web developer March 2004 – Sept 2004

* Worked on many fast turnaround projects or clients such as channel 4.

## Timoutdoors.com: Developer 2000 – 2003

* I joined this small start up right at the start and was heavily involved in all development from the main website to internal company systems.

## Atomic Weapons Establishment Aldermaston: Professional technology officer 1997 – 2000

The Viper reactor is a research and development nuclear reactor providing services to companies/agencies outside AWE for purposes such as nuclear hardening and medical research.

* Working on the Viper reactor as electronic technician.
* Calibration of critical electronic equipment used to shut down the reactor.
* Design and creation of specific electronic equipment as per client requirements.
* Assisted in major project to totally strip down, update and rebuild the reactor and associated control systems.

## Atomic Weapons Establishment Aldermaston: Electronics apprenticeship 1993 – 1997

* Completion of 2 years workshop training then 8 x 3 months placements at various placements around the site
* Completed day release ONC and HNC in Electronics

## **Key technical skills / technologies**

TDD, BDD, OOP, SOLID, DDD, CI, Agile, Scrum.  
C#, .Net, .Net core, MVC, EF, Web Api (REST), Soap, microservices, Azure.   
Docker, GIT, VSTF build and Release, Team City, Octopus.  
Javascript, HTML5 / CSS3, Angular JS, Typescript, T-SQL

## Outside of work

Currently I am enjoying a small toddler sucking up quite a lot of my personal life. Previously I’ve spent quite a lot of my time rock climbing and other outside sports. I also play guitar and enjoy messing around with bits of electronics, there is always a raspberry pi near!