Skills

Azure Cloud Technologies,

Azure DevOps

C# | Asp.Net Core

Angular | TypeScript

NodeJs | JavaScript

Sql Server | MongoDb

Git | GitHub

Xamarin / Ionic for mobile

Qualifications

BCom (Informatics) 2004
University of South Africa

Over 20 years of industry
experience developing
software solutions.

Info / Contact

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allen@codestream.co.za

Please see my personal and
company websites for more
details on my skills and
experience.

www.codestream.co.za

www.allenfirth.info

Online Profiles

LinkedIn

GitHub

Allen Firth   Architect / Developer

Profile

I am a **full stack developer** specialising in **Azure, Angular, Typescript, C#**
and **SQL Server**

I have over 20 years of industry experience developing software solutions and
leading development teams for large corporates and small start-ups.

I have extensive experience in object orientated architecture, systems design
and development and coding practices such as TDD, agile and XP.

I have been exposed to various industries and sectors as well as to all aspects
of the software development lifecycle from project conception through analysis,
design and implementation and finally, to deployment, maintenance and
support of the final product.

Experience

2017 – Current, CodeStream
I've recently completed a **fully remote** role as a **full stack developer** building an
Exposure reporting tool for **Anglo American** in the **UK** with live intraday trades using
Angular, C#, Asp.NET Core, SignalR and Azure SQL Synapse

I built the Vendor master data management system for **The SPAR Group** using
Angular and C# APIs. I was instrumental in development of SPAR's central DataLake
reporting database (**SQL Server**) which I later migrated to the **Azure Cloud** using
Azure Data Factory and **Azure Synapse**.

I've worked **remotely** on a live data processing system for **Chelsea Football Club** in
the **UK**, receiving, analysing and processing player GPS, acceleration and speed data
being fed live into an **Azure** processing pipeline using **Azure EventHub**, **Azure
Functions** and **Azure Sql Server**.

I've worked **remotely** for **CashRewards** in **Australia** building their new Customer
Coupon Management site using **Angular**.

I've worked **remotely** for **PROFiltr** in the **UK** bringing their online solution for small
bookkeeping companies to completion using **AngualrJS, NodeJS and MongoDB**

2014 – 2017, SMEasy (CTO, Architect and Developer)
I was CTO for a small FinTech start-up operating out of Durban, South Africa. SMEasy
provided an easy-to-use online accounting package for small to medium enterprises.

I was instrumental in redirecting the architecture and technology choices of the
product as well as leading and directing a near re-write of the system using modern
frameworks and introducing cutting edge development practises to the development
team. SMEasy was developed using **Angular**, **C#**, **Asp.Net** and **Azure SQL Server** and
Azure DevOps.

2008 – 2014, London United Kingdom, Various contracts
I spent six and a half years plying my trade as a sought-after software developer in
London. I gained experience working with top talent in large corporate environments
such as Man Investments, BritInsurance and Freshfields Bruckhaus Deringer. I spent
the last three years in London working for Digiterre on various projects for the likes of
EDF and M&G Asset Management.