

# ALLEN FIRTH

ARCHITECT / DEVELOPER

BCOM (INFORMATICS) 2004

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## PROFILE

Allen has over **18 years** of experience in software architecture and development, project management and software team leadership. He is highly skilled in Microsoft technologies, patterns, practices and tools. Allen has extensive experience in object orientated architecture and design and systems design and development as well as coding practices, specifically test-driven development, agile and XP approaches.

He has 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.

## SKILLS

C#	Asp.Net	Angular	NodeJS
SQL Server	MongoDB	Azure	TeamCity
Appveyor	Git	Continuous Integration	Docker
Entity Framework	Unit Testing	Integration Testing	IonicPro
HTML5	JavaScript	CQRS	TypeScript

## EXPERIENCE

### **CURRENT: Owner, Architect, Developer of CodeStream.**

Allen is currently working on an internal data lake and reporting system for **The SPAR Group**. This project involves various disparate legacy data storage systems from which operational data is sourced and replicated into a central modernized data lake using **Microsoft SQL Server**. In addition, API endpoints are being built using **C#** and **Asp.Net WebApi** to provide a reporting and data investigation capability to business on top of which rich and useful application can be built by the business. Various operation admin consoles have been built using SAPUI5

### **2015 – 2017: CTO, SMEasy (FinTech startup)**

Allen 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. In the time Allen was at SMEasy he 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 Microsoft SQL Server**.

### **2008-2014: London, United Kingdom**

Allen spent six and a half years plying his trade as a sought-after software developer in **London**. He gained experience working with the top talent in large corporate environments such as [Man Investments](#), [BritInsurance](#) and [Freshfields Bruckhaus Deringer](#). Allen spent the last three years in London working for a Software development consultancy called [Digiterre](#) and working on various projects for the likes of [EDF](#) and [M&G Asset Management](#).