

SAMUEL SLADE

PERSONAL STATEMENT

A quick study and an ambitious .NET Software Developer, with a wealth of technical expertise and an aptitude for business. I have developed my ability to work with parties of all technical levels, from fellow developers, through testers, to business directors. I pride myself on always improving a product through suggestions and technical knowledge; and always strive for further challenges. I am continually developing my own skills and knowledge through personal projects, research and articles; and never restrict myself to a particular framework, tool or technology stack.

Notable achievements:

- DriveWorks – Commercialisation of my dissertation into a product that went on to be sold by the company and allowed the company to lead the market in 3D computer aided design on the web.
- PayStream – Project lead for the re-development of the internal accounting program to improve the efficiency with which the accountants could bring up important customer information and handle queries.
- Think Money – Introduced Agile processes to the development team and immediate business associates to streamline and improve the efficiency of feature development.

Website: <http://sladesoftwareltd.com/>

KEY SKILLS

C# - ADVANCED – 5 YEARS

C# has been at the core of my development as a programmer since my time at university and as such, I have developed a natural experience from earlier to later versions. I am well versed in the .NET framework as well as a lot of the intricacies and advanced features of the language itself.

WPF – ADVANCED – 4 YEARS

As my preferred user interface technology, I have used WPF for several years and have delivered many applications that build on a desktop-based Single Page Application concept; use of the MVVM design pattern and complex data binding to deliver a rich user experience. I have also been fortuitous enough to work on complex scenarios requiring out of the box thinking for a WPF-based solution.

AGILE TRANSFORMATION – INTERMEDIATE – 2-3 YEARS

Throughout the last few years as a software developer, I have been fortuitous enough to be in the position to help transform small development teams into more optimised, agile units. I am a keen advocate of Agile methodologies and processes and express a passion for helping teams make the leap from waterfall and waterfall/agile hybrids into more streamlined agile teams focusing on software delivery.

VISUAL STUDIO – ADVANCED – 5 YEARS

With this being my primary IDE for writing code, I have used it for many years. I have experienced many versions ranging from 2005 up to 2013 and endeavour to constantly find new features or extensions to enhance my development productivity.

GIT – INTERMEDIATE – 2-3 YEARS

As what has become my preferred source control technology (succeeding Team Foundation Server), I have used Git for only a small number of years. I'm rapidly learning new commands in order to dig through the version history and employing the Git Flow model.

ENTITY FRAMEWORK (CODE FIRST) – INTERMEDIATE – 3-4 YEARS

I have been responsible for introducing Entity Framework into projects and tailoring the use of the framework to the needs and complications entailed; including accessing multiple databases through a simple architecture.

SQL – INTERMEDIATE – 3-4 YEARS

I have worked with SQL for a number of years both through ADO.NET and directly against a SQL Server database to produce complex queries for analysis and data corrections.

DEPENDENCY INJECTION FRAMEWORKS – INTERMEDIATE – 2-3 YEARS

I have worked with Autofac and Castle Windsor on a number of personal and professional projects.

WCF – INTERMEDIATE – 2 YEARS

Throughout a number of roles I have worked with WCF web services in the form of both monolithic and micro service-oriented architectures. I have been responsible for developing and configuring the WCF services, consuming internal and third party SOAP-based services and extending features provided by existing service APIs.

ANGULAR – INTERMEDIATE – 1 YEAR

I originally spent a few months researching into AngularJS when working for Advanced Computer Software to build the foundation of a new Single Page Application project. Since I have been building my skills in Angular 2 and TypeScript through working on a cloud-based solution at Galleria and developing an admin section to my own company website. I have more recently started looking into Angular 4.

RESTFUL WEB SERVICES (WEB API 2) – INTERMEDIATE – 1 YEARS

I have been working extensively with constructing new RESTful web services whilst working with LivingLens; including heavy use of Test-Driven Development on the API routes themselves. I also developed a set of microservices to control the admin section of my company website, using Web API 2 with authentication.

OTHER SKILLS

I also have experience with the following (note that this list is not exhaustive): XML, VB.NET, Silverlight, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Outlook.

EMPLOYMENT AND CONTRACTS

LIVINGLENS – LIVERPOOL, UK

CONTRACT .NET DEVELOPER (APRIL 2017 – AUGUST 2017)

Primarily brought in to develop features for a new project, I started by developing said features into the backend Web API; interacting with a MongoDB instance. I subsequently moved on to incorporating Elasticsearch aggregations into a filter customisation feature. I then spent some time researching and prototyping methods with which to stream downloads of large files directly from Amazon S3 buckets to the client, without causing timeouts of Out of Memory Exceptions.

Skills Used: *C#, Web API 2, MongoDB, Elasticsearch, Visual Studio 2015, Git, GitHub, AppVeyor, TDD, Moq*

GALLERIA / RELEX SOLUTIONS – NEWCASTLE-UNDER-LYME, UK

FULL STACK CONTRACT .NET DEVELOPER (DECEMBER 2016 – MARCH 2017)

Brought in to aid the company in re-developing their existing on premise WPF application suite into a cloud-based Software-as-a-Service (SaaS) solution. I was initially tasked with working on their latest Single Page Application project using Angular 2 and Web API 2 and then moved onto final feature development on their existing Silverlight project, to aid in integration with the new cloud platform.

Skills Used: *C#, WPF, Silverlight, WCF, Angular 2, TypeScript, Web API 2, Visual Studio 2015, Visual Studio Code, Git, Jenkins, Amazon Web Services, MySQL, NodeJS*

THINK MONEY GROUP – MANCHESTER, UK

CONTRACT .NET DEVELOPER (OCTOBER 2015 – AUGUST 2016)

As a contract developer, I led the development effort for a team working on the Intelligent Lending aspect of the business (i.e. loans, credit cards, mortgages), for developing WCF web services with C# and .NET 4.5 to deliver business logic for the products and record customer data within a SQL database; as well as an in-house WPF desktop application for underwriters to work with customer loan and credit card applications. I worked closely with software testers, business analysts, another developer and a team of architects and database administrators. I was the main driver for improving the code quality, whilst being a leading force in delivering projects beneficial to the business within project deadlines. I was also the main point of contact for liaising with multiple external companies and development teams.

Skills Used: *C#, WPF, WCF, Web Services, NUnit, Visual Studio 2013, Team Foundation Server, Octopus Deploy*

PAYSTREAM ACCOUNTING SERVICES LTD – ALTRINCHAM, UK

SENIOR DEVELOPER (OCTOBER 2013 – OCTOBER 2015)

I was initially responsible for innovating the existing accounting package using Domain-Driven Design and a logical client and server architecture. Following, I took on a business analysis role and spent time with the teams of the accountants in order to research how they used the internal software; resulting in a project plan to develop enhancements of the software for usability and functionality. I then took the lead in implementing this new project and guided other junior and senior developers in continuing development, before final handover. The product was developed using WPF and version 4.5 of the .NET framework; making use of the newer “async” and “await” features. This application interacted with a SQL database to query and modify data originally created through an ASP.NET MVC web application. The former used Entity Framework to connect to the database, while the latter made use of ADO.NET repositories and SQL stored procedures.

Skills Used: C#, WPF, SQL, ASP.NET MVC, Visual Studio 2012-2015, Git, Entity Framework

ADVANCED COMPUTER SOFTWARE (FORMERLY CSH, FORMERLY IRIS) – KNUTSFORD, UK

SENIOR SOFTWARE DEVELOPER (APRIL 2013 – SEPTEMBER 2013)

Initial setup of the architecture and contribution to technology stack research and decisions. Part of the team marked as internal consultants for future web projects. This research culminated in the use of Angular JS with Web API web services using OWIN and C#; interacting with a SQL database. I later moved across to develop next generation legal software in order to accelerate the project’s release schedule.

Skills Used: C#, SQL, ASP.NET MVC, Web API 2, HTML5, JavaScript, jQuery, AngularJS, Visual Studio 2012, Git

SOFTWARE DEVELOPER (APRIL 2012 – APRIL 2013)

Develop and maintain field services software, contribute to design and application decisions. Support technical support with data migration from existing products to latest software. This software was built as a web application using Silverlight as the front end technology, and hosted within an ASP.NET MVC application. WCF web services were developed to expose a communication layer, which fed through to business logic written in C#, an Entity Framework Code-First infrastructure layer and a SQL database.

Skills Used: C#, Silverlight, SQL, ASP.NET MVC, Visual Studio 2010-2012, TFS

IMORPHICS LTD – MANCHESTER, UK

MEDICAL IMAGING APPLICATIONS DEVELOPER (OCTOBER 2011 – APRIL 2012)

Main .NET programmer and commercial software development and quality assurance consultant. Responsible for updating internal tools to modern software and developing a re-usable C#-based codebase with C++ interoperability libraries.

Skills Used: C#, WPF, SlimDX, C++, C++/CLI, Visual Studio 2010, SVN

DRIVEWORKS LTD – LYMM, UK

SOFTWARE DEVELOPER (SEPTEMBER 2010 – JUNE 2011)

Solely responsible for the continued research and development of my dissertation in a commercial capacity; working toward developing it into commercial software fit for release.

Issue investigation and resolution, and feature implementation roles. A commissioned research project in conjunction with my dissertation.

Skills Used: *C#, VB.NET, SQL, WinForms, WPF, HTML, JavaScript, jQuery, Visual Studio 2010, TFS*

PLACEMENT STUDENT (AUGUST 2009 – SEPTEMBER 2010)

Software function implementation; issue investigation; introducing fixes for issues; designing and implementing new features; creating a unit testing structure and generally helping to develop and maintain the software.

Skills Used: *C#, VB.NET, SQL, WinForms, WPF, HTML, JavaScript, jQuery, Visual Studio 2008-2010, TFS*

EDUCATION

| Dates | Institution and Address | Course(s) | Grade(s) |
|-------------|-----------------------------|---------------------------------------|-----------------------------------|
| 2007 – 2011 | Huddersfield University | BSC (Hons) Computer Games Programming | First Class with Honours Sandwich |
| | Queensgate | | |
| | Huddersfield | | |
| | West Yorkshire | | |
| | HD1 3DH | | |
| 2005 – 2007 | Trafford College | ICT | D |
| | Manchester Road | Mathematics | D |
| | West Timperley | Biology | D |
| | Cheshire | Beginners Japanese | PASS |
| | WA14 6PQ | ECDL | PASS |
| 2000 – 2005 | Wellington Road High School | Mathematics | A |
| | Wellington Road | Systems and Control Technology | A |
| | Timperley | English Language | A |
| | Cheshire | English Literature | B |
| | WA15 7RH | Geography | B |
| | | ICT | B |
| | | French | B |
| | | Science Double Award | BB |
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References available upon request.