

PERSONAL STATEMENT

I am a hardworking and conscientious person who prides himself on his ability to learn quickly, attention to detail and passion for working in process driven development environments.

Throughout my career I have been involved in many projects to create a variety of solutions from online video delivery web applications to enterprise specification healthcare systems.

I have had full lifecycle exposure from analysis of initial requirements through to development, continuous integration, automated testing and deployment of applications using the latest technology stacks and development methodologies.

Strong leadership skills and a personable character make me a developer who feels comfortable working on as well as leading any project of any scale.

EDUCATION & CERTIFICATIONS

The Windsor Boys' School
Maidenhead Road, Windsor, Berkshire, SL4 5EH

Strodes College
High Street, Egham, Surrey, TW20 9DR

Microsoft Certified Professional
MCTS (.NET Framework) 2.0 & 3.5, MCTS (ASP.NET 3.5)

Work History

Senior Software Engineer (Contract) Allocate Software , Piccadilly, London	April 2010– July 2010
Head Developer / Senior Architect bigpink new media , Windsor, Berkshire	October 2007 – April 2010
Senior .Net / Analytical Developer Gradweb, Newbury, Berkshire	April 2007– October 2007
.Net Developer Regus Management Limited, Chertsey, Surrey	April 2006 – April 2007
.Net Developer K.W Decorations, Egham, Surrey	October 2000– November 2005



Development Frameworks

ASP.NET 1.0 – 4.0
ASP.NET MVC 1.0 – 2.0

Languages

C# 1.0 – 4.0
VB.NET
Boo
F#

Inversion Of Control

Structuremap
Ninject
Windsor

Test Driven Development

Nunit
MSTest
MBUnit

Behavior Driven Development

MSpec
StoryQ

ORM and Data Access

Nhibernate
Entity Framework
Linq 2 Sql
Subsonic
ADO.NET

Mocking

Rhino Mocks
MOQ

Database

SQL Server – TSQL
MySql
Sqlite
Raven DB
Mongo DB

Workflow

Windows Workflow

PROJECTS

(a few projects I have worked on)

Patient Registration and Treatment Tracker

A project was undertaken to allow medical facilities within the NHS to receive reimbursement of pharmaceutical stock when the desired effect of treatment plans had not been satisfactory.

When developing this system I was the technical lead with a team of four developers. I decided to use the following technologies, libraries and practices to implement the projects functionality: - ASP.NET MVC, C#, StoryQ, Nunit, NHibernate, Structuremap, NBuilder, AutoMapper, Windows Workflow, Lean and Behavior Driven Development.

A year after the initial system was deployed our client decided to “roll out” the same application across a number of other countries. I was tasked with converting this system into a multi-tenant application which turned out to be relatively simple due to the way the initial implementation had been architected.

With this project we fulfilled all requirements of the client Novartis Pharmaceuticals and it was utilised by many British and international health service facilities. To date the system has reimbursed over £30,000,000 worth of pharmaceutical stock.

Stock and Order Control System

During the requirements gathering phase for this project the client had asked for a simple stock and order control system to be developed that could be accessed from various locations worldwide. Although our customer had envisioned a rich client application it was quickly clear that it would be better implemented as a secured web application.

When developing this system we used ASP.Net 3.5, C#. Nunit, NCover, NHibernate, MOQ and Cruise Control to carry out automated testing and continuous integration of the system. I felt we made especially good use of Generics when building this system as it cut down the code we had to write by at least 30%.

Online Reporting Application

I was tasked with building a reporting system that allowed the upload and display of Crystal Reports. This project was very challenging as I had to make use of the Business Objects Assembly's.

When designing this system I viewed it as a multi-tenant reporting CMS. I developed a custom security and presentation model to keep data and design separated between clients. Skins and client side scripting enabled this application to not only give the users a friendly intuitive experience, but enabled me to dynamically alter the websites look and feel to match branding. All the administration of the site was carried out through a bespoke management console.

Web Service

WCF – SOAP
MVC – REST
Open Rasta – REST

Coverage

NCover
Part Cover

Continuous Integration

Cruise Control
Hudson
TFS

Source Control

Subversion
SourceSafe
GIT
Mercurial

Methodologies

Agile
Waterfall
Lean
Extreme

Client Side

XHTML – (W3C Compliance)
CSS – (WC3 Compliance)
jQuery
Prototype
Microsoft Ajax
Moo Tools

Server

IIS 5-6-7 (Load Balanced
Configurations)
Apache (Mono)

Patterns

Repository
Factory
Command
Singleton
Builder
Decorator
Visitor

The DD's

Domain Driven Design
Feature Driven Design
Behavior Driven Design

Online Television

Our client ran an online television station advertising breaking information within the pharmaceutical industry (much like YouTube for pharmaceuticals).

When approached by the client they already had a site written in PHP which they had decided did not satisfy their needs any longer. We were tasked with replicating all the functionality from the existing site using ASP.Net as well as integrating additional requirements.

The use of a CDN network, RSS, Atom, I-Tunes integration and a bespoke CMS made this not only an interesting but challenging project.

ACTIVITIES

In my free time I run a blog (www.dotnetguy.co.uk) that enables me to share my development experiences with others and improve my own skills. I am actively involved in the open source community having contributed to as well as started various projects.

I like to play guitar and record music and play in the local blues club once a week.

Miscellaneous

MEF
PowerShell Scripting

Tools

VS 03 05 08 10
SQL Management Studio
Resharper
MySql Workbench
NHibernate Profiler
NGen
Reflector
NBuilder
Storm
Poster