

Kash Farooq – Curriculum Vitae

Profile

Throughout my career, I have consistently demonstrated the ability to deliver systems to high quality standards using a variety of development methodologies and technologies.

I am hard working, self-motivated and have strong leadership abilities with excellent problem solving skills. I have used my 20 years of commercial IT experience to drive forward the development of strategic business solutions.

I have also been a mentor and helped with the personal development of team members.

Skills

Current skills:

- .NET Framework (from version 1.1 to 4.5) - 10 years
- C# (including LINQ) - 10 years
- Web development (including ASP.NET and ASP.NET MVC) - 10 years
- Web services (WCF and ASMX) – 6 years
- ORM (NHibernate, Castle's ActiveRecord, Fluent NHibernate, Entity Framework) – 4 years
- Test Driven Development (including mocking frameworks) - 8 years
- Continuous Integration – 8 years
- Behaviour Driven Development – 2 years
- Agile/Lean (XP, Scrum and Kanban disciplines) - 8 years
- Object Oriented Programming - over 10 years

Current Tools and Technologies:

- Visual Studio 2012 with ReSharper
- Subversion, Bazaar, Git, Team Foundation Server
- NUnit, Rhino Mocks, Moq, SpecFlow, xUnit
- nAnt, MSBuild
- FXCop
- SQL Server 2008
- Team City

Other skills and tools (used earlier in my career):

- Selenium
- CruiseControl.NET
- nMock, TypeMock
- Visual C++/MFC/C
- Java
- Classic ASP
- Server Technologies and Networking
- Databases (TOAD/Oracle, mySQL)
- COBOL

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Current client: APM Group (Started August 2012. 6 month contract with 1 extension. Expires 13 August 2013)

Position: Software Developer.

Technical Skills: ASP.NET MVC 4 with jQuery/AJAX, C#, .NET 4.5, Web services (WCF), LINQ to objects and to entities, TDD & mocks (Moq), SQL Server & ORM (Entity Framework 4.1), Continuous Integration (Team City).

I am part of a team rewriting legacy systems that handle professional training, accreditation and certification schemes for knowledge-based workers.

The new system being developed consists of ASP.NET MVC 4 front-end portals that communicate with WCF services, which then interface through Entity Framework with a SQL Server database. I am involved with both UI and web service components of the new system. I also help with the continuous integration solution: we use Team City to automatically build and deploy.

The software development is managed using the Scrum methodology, with elements of pull-based Kanban work allocation.

Previous client: BBC Worldwide (June 2008 – August 2012. 6 month contract with several extensions)

Position: Principal Developer.

Technical Skills: ASP.NET/MVC with jQuery/AJAX, C#, .NET, Web services (WCF, ASMX), LINQ, TDD & mocks (Moq, Rhino Mocks), SQL Server & ORM (NHibernate), Continuous Integration (Team City, nNant).

I worked on systems that typically consisted of ASP.NET/MVC web front ends that communicated with WCF or ASMX web services, which then communicated with other services or databases. Database access was provided by the NHibernate ORM with NHibernate add-ons such as Castle's ActiveRecord and Fluent NHibernate. I worked on both front-end and web service areas of the systems. Key projects included the updating of legacy systems so that HD content can be digitised, catalogued, stored and published and implementing of new ordering mechanisms. I also worked on a large data integration project providing RESTful services to present data in legacy formats to various clients.

Other items of note:

- I helped designed and implement mechanisms to automatically build and deploy system components.
- I coached other members of the team (pair programming or hosting programming dojos).
- All development was test driven and the software development workflow was initially managed using Scrum, but later we moved to Kanban.

Previous employment: Egg (March 2005 – June 2008)

Positions: Senior Solutions Engineer, Solutions Engineer

Skills and tools: ASP.NET, C#, .NET, TDD, Mocking (TypeMock and nMock), XHTML, Continuous Integration (CruiseControl.NET, nNant)

I began my career at Egg as a .NET/C#/ASP.NET Solutions Engineer and was promoted to Senior Solutions Engineer within 6 months.

I was responsible for developing ASP.NET applications for the Egg consumer website using the Model-View-Presenter design pattern. The website applications send data to, and receive data from, a web services (SOA) layer.

During my time at Egg I became the first point of contact for the Egg website ASP.NET codebase. I was the lead developer on a number of key projects such as Egg Cash ISA, Risk based priced Loans and the migration of several important parts of the website from legacy technologies to .NET.

Main responsibilities:

- Work with business representatives, Quality Assurance and designers to drive out and agree requirements.
- Liase and work with other technology areas to produce front-to-back solutions.
- Design and develop quality software using Test Driven Development techniques, Object Oriented programming and industry standard design patterns.
- Ensure Web applications are developed to accessibility guidelines and W3C standards.
- Mentor other developers: I was actively involved in supporting other engineers and identifying their personal development requirements.
- Recruitment: creating relevant interview questions and interviewing.
- Egg Standards: I was responsible for Egg's ASP.NET and Test Driven Development standards documentation.

Previous employment: Insitu (Sept 2000 – March 2005)

Position: Senior Developer

Technical Skills: ASP.NET, C#, Java, ASP, Visual C++

I was responsible for designing, developing and implementing tailored solutions for the company's retail and entertainment sector clients.

The systems developed extensively used XML to move data from PC and web-based clients to server-side processes that was then imported into databases.

The role was highly technical whilst also allowing me to demonstrate leadership qualities - I was the technical mentor to the development team.

Previous employment: Sema Group (Oct 1993 - Sept 2000)

(Formally BR Business Systems)

Positions: Technical Architect, Lead Developer, Graduate Developer

Technical Skills: Visual C++ with MFC, C, COBOL

I started as a graduate developer in 1993 and progressed to work in a variety of areas including support, project management and team leading, software design and development, system and network design, and consultancy.

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Education		
2008 -	Open University	BSc Natural Science – in progress. Certificate in Contemporary Science – complete. Certificate in Natural Sciences – complete.
1992 - 1993	University of Birmingham	MSc Computer Science
1989 - 1992	University of Newcastle upon Tyne	BSc Mathematics (First Class Honours)
1987 - 1989	Danum School, Doncaster	A-levels: Pure Mathematics with Mechanics (A) Further Mathematics (A) Physics (A) Chemistry (B) General Studies (B)
1987 - 1988	Danum School, Doncaster	A-level: Pure Mathematics with Statistics (A)
1985 - 1987	Danum School, Doncaster	O-Levels: 10 passed including English Language & Maths (4A, 2B, 4C)

Personal Information	
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Telephone	
Email	
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Blog	http://kashfarooq.wordpress.com
LinkedIn	http://www.linkedin.com/in/kashfarooq
Nationality	British
Marital Status	Married
Date of Birth	
Driving Licence	Full, British, held since April 1992

References
Available on request.