**Shahzad Amir Khan**

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**SUMMARY**

1. 10+ years’ experience in management, analysis, design, and coding with emphasis in technical, business and client management aspects of IT solutions.
2. Excellent software life cycle implementation experience using **Agile** (SCRUM & Kanban).
3. Excellent Leadership and Management skills.
4. Achieved scholarship in all semesters of MCS.
5. SC Cleared.

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| **Most Proficient Skills** | **Experience** |
| C#, .NET Framework | 11+ years |
| Winform, Windows Services. | 10+ years |
| MVC, Jquery , JSON, Web Api, CSS3, | 5+ years |
| Asp.net core / Entity Frame core | 2+ years. |
| SQL Server (T-SQL). | 4+ years |
| Oracle (PL/SQL) | 5+ years |
| MS-Unit / NUnit /X-Unit | 6+ years |
| Azure | 1 + years. |
| Angular 2 + | 6 +months. |
| Mongo DB | 6+ months. |
| ADFS / OAuth 2/ openid | 6+ months |
| Powershell | 1+ year. |
| Selenium, SpecFlow | 3 months. |

**PROFESSIONAL SKILLS**

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| Tools and Technologies | MSUnit, MVC, ASP.NET, ADO.NET, **WF,** COM, ADO, ASP, IIS, HTML, DHTML, MSMQ, XML , SOAP, Microsoft Windows Workflow Foundation, Windows Presentation Foundation , Linq, Entity Frame work, ,Azure ,Jquery, Angular, Powershell, Desire state configuration (DSC), Bootstrap, Crystal Reports, NserviceBus, FluentValidation, AutoFixture, Octopus. |
| Software Development Methodologies / Process | Waterfall, Agile, Microservices, Test Driven Development, Domain Driven Development, Event Driven Development. |
| Databases | SQL Server, T-SQL, Oracle, PL/SQL and MongoDB. |

**PROFESSIONAL EXPERIENCE**

**Opus Energy *(Energy)*** <https://www.opusenergy.com/>

**Feb 2019 – Current [Software Consultant]**

Opus Energy provide competitive business energy to SMEs and larger businesses across the UK and it is the sixth biggest business energy supplier in the UK.

**SMART**

The aim of the project is to provide the ability to install and manage Gas / Electricity SMART meters.

*Main Responsibilities:*

* Design and implementation of applications using agile, **DDD**, **Event driven programming, Micro services** following both company and standard implementation practices.
* I am using the following tools/technologies **C#, NServiceBus, Sql Server, Asp.net Core, Entity Framework Core, Asp.net MVC, Web Api, VB.net, Angular 6, XUnit, Autofixture, Moq, Fluent Validation, Swagger, SEQ, Octopus, Identity Server, Git** and **Source Tree**.

**360 Dot Net *(Finance)*** [**http://www.360lifecycle.co.uk/**](http://www.360lifecycle.co.uk/)

**October 2018 – Feb 2019 [Software Consultant]**

360 dotnet provides software for financial advisers to improve customer service, maintaining strong client relationships and creating new opportunities.

**Fact Find**

The aim of the project is to collect information about the user and provide best possible options for mortgage/remortgage and loan facilities.

*Main Responsibilities:*

* Develop new functionality using the following tools/technologies **C#, Sql Server, Jquery, MVC, Web Api, VB.net, Azure, Blob storage, queues, Web Apps, WPF, MVVM.**
* Used Agile Scrumto manage the project**.**
* Update and development of legacy code written in Vb and Vb.net and maintenance of Stored procedure and Sql views maintenance using shards.

**Share Centre** ***(Finance)* https://www.share.com/**

**July 2018 - October 2018 [Sr. Software Analyst Developer]**

Share Centre is the UK leading stockbroker. Share Centre provide stockbroking services for private investors and corporate services, including fund administration and white label share dealing services. From ISAs and share dealing accounts, to pensions and accounts for children.

**Digital Transformation**

The aim of the project is to transfer old legacy code written in OI to .net using WCF, Web Api, MVC, Sql Server.

*Main Responsibilities:*

* My main responsibility working as a part of team of five members, was to develop and migrate code from OI environment to .Net framework.
* I used the following tools/technologies **TDD, C#, Sql Server, Jquery, MVC, Web Api, Nunit, Moq.**
* Design and implementation of applications using Agile
* Working closely with Dev Ops team to deploy latest release using **Octopus Deploy**.

**Identity**

The aim of the project is to provide SSO functionality using OAUTH2 and Identity Server.

*Main Responsibilities:*

* I used the following tools/technologies **C#, Sql Server, Jquery, MVC, Web Api, OAuth2, Asp.net Identity, Moq**.
* Design and implementation of applications using Agile.
* Working closely with Dev Ops team to deploy latest release using **Octopus Deploy**.

**Capita One *(Local Authority / Education)*** [**http://www.capita-one.co.uk**](http://www.capita-one.co.uk)

**April 2013 – July 2018 [Sr. Software Engineer / Team Lead]**

Capita One is the leading supplier of information systems to local authorities to manage children and family services, providing a clear picture of what is, and isn’t, going well and helping local authorities to meet their statutory obligations more effectively.

*Main Responsibilities:*

* Front-end/ back-end development using technologies **like MVC/HTML5/ OracleServer/ JavaScript / Silverlight / Angular/ ADFS/ Azure/ Winform / Webapi**.
* Working closely with QA team to ensure in-time resolution of any issues or suggestions, providing technical support to clients and mentoring junior developers

**Transport**

Transport provides local authorities services to manage transport for school children. The services include calculating Transport eligibility, best possible routes, keeping record of contracts, managing expenses/cost etc.

*Main Responsibilities*

* My main responsibility working as a part of team of fifteen members, including ten offshore developer, was to develop and migrate existing code from power builder application to MVC based application.
* I used the following tools/**technologies .net 4.5, C#, Oracle Server, Jquery, MVC, Crystal Reports, Json, Bootstrap, Angular, Web Api, Crystal Reports, NUnit, Moq, Powerbuilder and entity framework,**
* Mentoringjunior developers / code review**.**

**SSO**

SSO provides the single sign on experience for Capita one application users using Active Directory Federation Services (ADFS).

*Main Responsibilities*

* Working with the development manager, I was responsible for updating Capita one applications so that user can sign in through ADFS using their domain account.
* I used the following technologies/techniques **WIF, WCF, ADFS, Winform, MVC, ADFS Identity delegation and Saml token**. Also provided help to the DevOps / service desk team with installation and resolving certificate issues.

**System Escalation**

System escalation project deals with all the architecture related upgrades/issue on different capita one applications. These can range from login experience to performance of reports.

*Main Responsibilities*

* Working as a team leader of system escalation team. The team consisted of six members, five developers and one tester. Where I was responsible for helping/mentoring junior developers and code reviews.
* Estimation / project planning of new work, provide status to development manager and other stake holders, Prioritizing/managing system escalation back log.

**Transferring Test Environment on Azure**

This was a R&D project. I worked with deployment team to transfer the test environment on to Azure server.

Working with the deployment team, I was responsible for creating environments on Azure, and updating Azure VMs with our latest software/ DB changes. To accomplish this, I used Azure automation DSC, PowerShell with Azure Resource Manager templates.

**Ariel Technologies Ltd *(Finance)*** <http://www.arielcommunications.co.uk/>

**& App Studio *(Mobile)***

**March 2012 – April 2013 [Sr. Software Developer]**

Ariel has been the market leader in developing spread betting, foreign exchange and contracts for difference software systems since 1995. Ariel Technologies is also the parent company of App Studio, which provides software expertise in various mobile platforms.

**ITrade**

ITrade is Ariel platform to provide the facilities of FX and CFDs.

*Main Responsibilities:*

* My main responsibility working as a part of a team of three members was to develop and maintain the MVC based admin website. This is used to create a different market / giving permission / auditing etc.
* I used the following tools/**technologies .net 4.0, C#,Sql Server 2008, Linq2Sql, MVC 1.0, Jquery, Json.**
* Update and development of legacy code written in VB, also creating stored procedure and sql views maintenance.

**Nespresso**

Nespresso was developed for ID Experiential. The site provides facilities to schedule staff at different locations for the promotion/marketing of Nespresso brand.

*Main Responsibilities:*

* Development & maintenance of front end and back end using the following tools/**technologies .net 4.0, C#,Sql Server 2008, Linq2Sql,MVC 3,Jquery,Json & Google Maps.**
* Providing support to customers and helping DevOps with deployment.

**Drivermatics (http://login.drivermatics.com)**

An experimental project undertaken by the company to use the mobile phone GPS signal to determine the driving behavior and provide information about acceleration, deceleration, G -Forces and speed at any moment of time during the journey. The project was distributed into three modules Mobile, Web and Server.

*Main Responsibilities:*

* I was responsible to create & manage the Web / Server module. For that I used the following tools/technologies .**net 4.0, C#, Sql Server 2008, Linq2Sql, MVC 3 (Razor View), Jquery, Json & Google Maps, Google Charts, Google Maps APIs** andprovided support to customers

**Vision**

Vision is a web-based content management system, developed for ID Experiential. ID Experiential has more than 30,000 staff which they can use for promotion/advertisement campaigns of different brands. The system is developed to provide ID the ability to audition new staff, select, schedule and run different advertisement/promotion.

*Main Responsibilities:*

* Working as a part of team of five members, we developed the vision system using the document-based database MongoDB.
* Used C#, JQuery, Google Apis for Maps and Geo location search.

**AKJ (Alternative networks) (*Telecommunication*)** [**http://www.akjl.co.uk/**](http://www.akjl.co.uk/)

**May 2008 – March 2012 [Software Developer]**

Aurora Kendrick James is considered to one of the leading provider of telecoms billing services and call management solutions. Having more than seventy clients all over Europe, including high profile client like Vodafone.

**WLR3**

WLR3 provides an interface to **the BT Openreach ebXml services**. The main features of the application are to allow the user to order, maintain, and cancel WLR3 lines.

*Main Responsibilities / Tools used:*

* Development & maintenance of front end and back end using tools & **technologies C# 2008, XML, Windows services, Windows workflow foundation, XLINQ, LINQ, Sql Server 2005/2008, ASP.NET**, **MS Sequential Workflows, Linq, XLINQ, ADO/ADO.net, MS SQL Server 2008 /2005, Stored Procedures, Functions, Views** and **complex SQL queries, MS** and **Unit Test**

**Affinity CRM**

Affinity is AKJ CRM. The CRM is used by AKJ and Clients of AKJ to manage all the interactions with [customers](http://en.wikipedia.org/wiki/Customers) and sales prospects. The CRM is also used to raise defects on the system and to keep record of their resolution.

*Main Responsibilities / Tools Used*:

* Development & maintenance of front-end using tools & technologies **C# 2008, XML, Windows services, Web Services, multithreading, Linq, XLINQ, SOAP, Reflection, ADO.NET, Dynamic language extension , Generics**, **COM components** to **Automate WORD, SQL Profiling.**

**EDUCATION**

**MSc Innovative technology E-Commerce** <http://www.uel.ac.uk/>

**University of East London UK**

**Sep 2006 to October 2007**

*Main Courses:*

* Computer and digital Forensic. Data Analysis, Cryptography.

**MCS Computer Science** <http://www.uaar.edu.pk/>

**Arid Agriculture University (Rawalpindi Pakistan)**

**2001-2003**

I got Scholar ship in all the semester of MCS and secured 3.73/4.00 C.G.P.A.

*Main Courses*

* C, C++, JAVA, Database Management System. Artificial Intelligence.

**B.Com** <http://www.pu.edu.pk/>

**Punjab University (Rawalpindi Pakistan)**

**1999-2001**

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**CERTIFICATIONS/TRAINING**

**Azure for Developers**

The training was arranged by Microsoft. Mentioned are some of the main training areas.Virtual Machine, ARM Templates, Storage, Load Balancers, Virtual Appliances, Web Apps, Azure Functions, Event Hubs, Api Management, Azure AAD.