

## Muhammad Amer



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🏆 [Microsoft Certification Profile](#)

📍 Sydney

### SUMMARY

- 14+ year software development experience
- Architecting and developing solutions in .NET Core, Angular, Asp.Net, MVC, EF, SQL Server, Serverless apps, Azure, IOT Hub, Event Hub, Cosmos, Function Apps, using tech stack like API, Redis, AWS, Amazon Aurora, Elastic, SQS queues, Micro-Services, VSTS Build pipelines, Jenkins, Team City
- Experienced in agile sprint grooming, planning and execution on routine basis, and sprint backlog maintenance for effective solutions delivery. Experienced in using VSTS, JIRA, Confluence Git and TFS
- Worked with prestigious clients like Telstra, Optus, Kennards, Caltex, NRMA, NHS UK, Thomson Reuters and Forrester Research etc

### PROFESSIONAL EXPERIENCE

<b>Sr. Software Engineer</b>	Full Time - Permanent	Apr 2019 – Date
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#### Commonwealth Bank Of Australia

- Developing high-end APIs to work with bank's mobile app and internet banking website
- Designing and developing Azure/AWS solutions using cutting edge technologies like Cosmos / Aurora, IOT Hub, Event Hub, Stream Analytics, Function Apps, CloudFormation, .NET Core, API, Angular
- Installing and deploying using CI / CD tools like VSTS Build pipelines, Jenkins, Docker and Team City
- Practicing agile scrum methodology and using different tools like burn downs for project status tracking
- Participating in agile sprint grooming, planning and execution on routine basis, and maintaining sprint backlog for effective solutions delivery
- **Tools:** .Net Core, Angular, APIs, ASP.NET MVC, Azure, AWS, Jenkins, Team City, AzureDevOps, Bootstrap, Unit testing, Git, JIRA

<b>Development Consultant</b>	Full Time - Permanent	May 2018 – Apr 2019
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#### Kloud Solutions

- Consulting organizations to move their software to cloud and helping them to choose the best suitable cloud services according to their needs
- Designing and developing Azure/AWS solutions using cutting edge technologies like Cosmos / Aurora, IOT Hub, Event Hub, Stream Analytics, Function Apps, CloudFormation, .NET Core, API, Angular
- Managing end to end product delivery to clients from requirement gathering to actual deployments
- Unit testing using Moq, Selenium and Jasmin to ensure that software modules meet the client requirements and agreed specifications
- Installing and deploying using CI / CD tools like VSTS Build pipelines, Jenkins, Docker and Team City
- Work along with account managers to get costing and billing by using time and resource estimations throughout sprints
- **Tools:** .Net Core, Angular, ASP.NET MVC, APIs, Azure, AWS, IOT Hub, Event Hub, Cosmos, Stream Analytics, Function Apps, AzureDevOps

<b>Senior Software Engineer</b>	Full Time - Permanent	Mar 2017 – May 2018
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#### Digital Turbine

- Architecting and developing APIs in .net core, Entity Framework EF and front-end in angular, using tech stack like WebAPI2, JWT, Redis, AWS, Amazon Aurora, Elastic, SQS
- Mentoring software engineers in planning, prioritizing and executing assigned tasks using JIRA boards within deadlines
- Installing and deploying using Continuous Integration DevOps Tools like Jenkins and Docker  
Writing, updating and maintaining confluence documents and demonstrating solutions using flowcharts, layouts, diagrams
- **Tools:** .Net Core, Angular, Grunt, Jasmin, Jenkins, WebAPI, Bootstrap, Unit testing, Selenium, MySQL Aurora, Elastic, Redis, Redshift, BitBucket, JIRA

<b>Principal Software Engineer</b>	Full Time - Permanent	Jul 2010 – Jan 2017
<b><u>Knowledge Platform Pvt Ltd</u></b>		
<ul style="list-style-type: none"> <li>Main role was to analyze requirements, design architecture of the applications and develop the applications as per the specifications</li> <li>Responsible for time estimation of the tasks, work break down structure and sprint planning</li> <li>Code review of junior team members and guide them in case they are working on complex module</li> <li>Worked closely with the support department to ensure smooth availability of services to clients</li> <li>Unit testing using Microsoft Visual Studio and Selenium to ensure that software modules meet the client requirements and agreed specifications</li> <li>Worked on multiple adaptive and non-adaptive online Learning Management Systems and Survey/Research systems</li> </ul> <p>Remained involved in the transitions of products Springboard Research to Forrester Research and Ultrabot to Thomson Reuters</p> <ul style="list-style-type: none"> <li><b>Tools:</b> ASP.NET, ASP.NET MVC, C#, Angular, Team City, WPF, WebAPI, Ajax, SQL Server, Unity (Dependency Injection Framework), Unit testing, Selenium, TeamCity, SQL Azure, TFS</li> </ul>		
<b>Software Engineer</b>	Full Time - Permanent	Feb 2009 – Jul 2010
<b><u>Ikonami Pvt Ltd</u></b>		
<ul style="list-style-type: none"> <li>Main role was to design application architecture and develop different modules as per the specifications</li> <li>Research and analysis of third party software components, tools and technologies such as Telerik toolkit and crystal reports as per requirements of different software products</li> <li>Test, debug and evaluate performance &amp; operational efficiency of software applications by identifying software bugs reported by Quality Assurance team and customer support department</li> </ul> <p>Worked closely with the support department to ensure smooth availability of services to clients</p> <ul style="list-style-type: none"> <li><b>Tools:</b> ASP Classic, WinForms, ASP.NET, ASP.NET MVC, C#, TFS, Crystal Reports, JavaScript, JQuery, Ajax, MS-SQL Server, IIS, Telerik Controls, Web Services, Window Services, WCF</li> </ul>		
<b>Software Engineer</b>	Full Time - Permanent	Nov 2008 – Feb 2009
<b><u>TEKenable Software Solutions</u></b>		
<ul style="list-style-type: none"> <li>Main role was to perform in a team and develop different modules as per the specifications given in TFS</li> <li>Provide guidance and research in developing scalable software architectures to optimize all resources required for design and development tasks</li> <li>Perform Unit testing using Microsoft Visual Studio.NET to ensure that software modules meet the client requirements and agreed specifications</li> </ul> <p>Analyzing and resolving support department queries to provide smooth services to clients</p> <ul style="list-style-type: none"> <li><b>Tools:</b> ASP.NET, VB.NET, C#, TFS, Crystal Reports, JavaScript, JQuery, Ajax, MS-SQL Server, IIS</li> </ul>		
<b>Software Engineer</b>	Full Time - Permanent	Feb 2005 – Nov 2008
<b><u>QualityClix Software Exporters</u></b>		
<ul style="list-style-type: none"> <li>Main role was to analyze client requirements, prepare estimations and develop different modules as per the specifications</li> <li>Provide guidance and research in developing reusable software modules to reduce development time</li> </ul> <p>Perform Unit testing using Microsoft VS to verify that software modules meet the client requirements and agreed specifications</p> <ul style="list-style-type: none"> <li><b>Tools:</b> ASP.NET, VB.NET, C#, TFS, Crystal Reports, JavaScript, JQuery, Ajax, MS-SQL Server, IIS</li> </ul>		

PROFESSIONAL PROJECTS	
	<p><b>EasyTrak - <a href="http://www.easytrak.com.au">www.easytrak.com.au</a></b></p> <p><b>Introduction:</b> Kennards is using easyTrak to track their assets throughout Australia and New Zealand. It's an IOT application based on azure services to receive messages from many tracking devices like Navman, GeoTab etc. Then backend FunctionApps transform those messages into meaningful information for easyTrak. Kennards is tracking their vehicle assets using latest latitude, longitude position and route history. They are even able to see harsh brakes and over speeding alerts. Like vehicles, they have many different types of equipment to lease out to customers and easyTrak is able to track them all from hammers to excavators and generators.</p> <ul style="list-style-type: none"> <li>• <b>Tools:</b> .Net Core, IOT Hub, Event Hub, Cosmos, Stream Analytics, FunctionApps, Git, VSTS Build Pipes, Micro-services, Redis</li> </ul>
	<p><b>DT PAY - <a href="http://www.digitalturbinepay.com">www.digitalturbinepay.com</a></b></p> <p><b>Introduction:</b> Digital Turbine Pay lets mobile customers seamlessly purchase goods and services. As they shop from mobile websites and apps, charges can be safely applied via direct carrier billing to their mobile phone bill. Digital Turbine Pay solutions offer clients the choice of either subscription or one-time purchasing. With direct connections to a growing list of mobile operators across multiple countries, Digital Turbine Pay™ ensures your mobile apps and services have a secure way for customers to spend money</p> <ul style="list-style-type: none"> <li>• <b>Tools:</b> .Net Core, C#, EF, LINQ, Git, Jenkins, JIRA, Micro-services, JWT, Aurora, Redis, AWS</li> </ul>
	<p><b>Ultrabot Jomsom - <a href="http://UBJomsom">UBJomsom</a></b></p> <ul style="list-style-type: none"> <li>• <b>Introduction:</b> Ultrabot is a web-based SAAS Learning Management System that enables multiple modes of learning, including informal learning, collaborative learning, project-based learning, formal learning, adaptive learning and blended learning. It is a Learning Management System designed to improve teaching and learning outcomes through blended learning and online self-study. It is a holistic learning solution that delivers unparalleled knowledge transfer, interactive content objects, and detailed performance analytics. It also enables project-based activities and online discussions through Groups, Connections and other social features for continuous learning and collaboration</li> <li>• <b>Tools:</b> C#, ASP.Net, MVC, LINQ, SQL Server 2008, Team Foundation System, Unit Testing</li> </ul>
	<p><b>e-KSF - <a href="http://e-ksf.org">e-ksf.org</a></b></p> <ul style="list-style-type: none"> <li>• <b>Introduction:</b> e-KSF, the Knowledge &amp; Skills Framework is a human resource job description and evaluation framework, which has been developed by HR professionals inside department of health, UK. This framework is chief mean of assigning roles and doing development reviews in NHS UK (National Health Services) which is world's third largest employing organization consisting of more than 650 hospitals and 1.2 million employees. This web-based solution is the official e-companion of KSF and key mechanism for people to use KSF in NHS. This solution is currently in use by over 400,000 people with rest of the NHS due to use it over next 2 years in a phase-wise approach</li> <li>• <b>Tools:</b> C#, ASP.Net 4, LINQ, SQL Server 2008, Team Foundation System, Unit Testing</li> </ul>
	<p><b>At-Performance -<a href="#">At-Performance</a></b></p> <ul style="list-style-type: none"> <li>• <b>Introduction:</b> At-Performance is built to align staff reviews and appraisals, and allow managers and staff to have productive discussions about both performance targets and achievements, and personal competence development. Create and cascade performance objectives, to align team and individual activities with corporate objectives. Use local or national competence and skills frameworks of NHS UK to ensure standard descriptions of roles. Track employees' all competence, behavior and performance in one tool.</li> <li>• <b>Tools:</b> C#, ASP.Net 3.5, Microsoft Enterprise Library, Telerik Rad Controls, SQL Server 2008</li> </ul>

<b>EDUCATION</b>			
	<b>Degree</b>	<b>Institute Name</b>	<b>Year</b>
	Master in Computer Science (3.52/4 CGPA)	BZU	2004
	Bachelor in Computer Science	BZU	2002
<b>PROFESSIONAL CERTIFICATIONS - <a href="#">Microsoft Certification Profile</a></b>			
	<b>Number</b>	<b>Name</b>	<b>Technology</b>
	MCPD	D240-2244	Web Developer 4
	MCTS	D240-2242	SQL Server Database Development
	MCTS	D240-2246	.NET Framework 4, Service Communication
<b>COMPUTER SKILLS</b>			
	Level Key: 1 = Theory Only; 2 = Limited Use; 3 = Competent; 4 = Advance		<b>Level</b>
	<b>Web Development, Languages and Platforms</b>		
	.Net Core, ASP.Net (Web Forms, MVC), Web API, Angular, Bootstrap, Hangfire		4
	RESTful Services, WCF, Web Services, AJAX, JQuery, EF, nHibernate, LINQ		4
	BDD, TDD, nUnit, VS Tests, Moq, Jasmine		4
	CSS, LESS, HTML, JavaScript, HTML5		4
	<b>Cloud Skills</b>		
	Azure, IOT Hub, Event Hub, Cosmos, Stream Analytics, Function Apps		4
	Amazon, SQS, Aurora, Redshift, Lambda, EC2, Cloud Formation		3
	<b>Database Development</b>		
	MS SQL Server (version 2000 To 2017)		4
	T-SQL (Stored Procedures, Jobs, Triggers etc)		4
	SQL Azure, Microsoft Access		4
	<b>Deployment Tools</b>		
	VSTS Build Pipelines		4
	Jenkins, Team City, Red Gate Tools, Power Shell		3
	<b>Software Versioning Control</b>		
	VSTS, TFS, SVN		4
	Git, BitBucket		3
	<b>Software Development Methodologies</b>		
	Agile, SCRUM		4
	JIRA, Confluence		4
	<b>Design and Analysis</b>		
	Axure, Visio		3
	UML, Rational Rose		2

**References:**

Will be provided if required.