

## KIRTI WADHWANI

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### PROFILE:

Full stack developer with a **MS in Software Development** having over 15 years of experience in designing & developing distributed, multi-tiered, and highly scalable systems on Microsoft technologies like **.NET, MVC, C#, Microsoft Azure** and other modern UI frameworks like **Angular** and **React**.

- Architect & Design Technology Solutions to meet complex Business Requirements.
- Strong technical and analytical skills with the ability to multitask and prioritize.
- Hands-on expertise across all the tiers.
- Experience on both waterfall and agile development methodologies.
- Experience on Single Page Applications using Angular 5+, React and AngularJS
- Experience on cloud technologies using Microsoft Azure Devops
- Experience on DDD and microservices

### SKILLSET INVENTORY

<b>. Net</b>	:	.NET Core, .NET Framework, ASP.NET, ASP.NET MVC, Web Api, Entity Framework, LINQ
<b>Front End</b>	:	Angular 6,7,8,9,10,13,14 AngularJS, React, Ngrx, Redux, Jasmine, Karma
<b>Languages</b>	:	C#, Javascript, Typescript, SQL
<b>Databases</b>	:	SQL SERVER 2000, 2005, 2008, 2012,2016,Oracle
<b>Web Tools</b>	:	HTML5, CSS, AJAX, JSon, JQuery
<b>IDE</b>	:	Visual Studio 2003-2013,2017/2019/2022, VS Code
<b>Cloud</b>	:	Microsoft Azure Devops, CI/CD Pipelines, App Services, Functions
<b>Testing</b>	:	NUnit, Moq, MS Unit Testing Framework, Jasmine

## PROFESSIONAL EXPERIENCE

**Translink, Vancouver, Canada**  
**Full Stack Developer**

**Apr 2022 – Dec 2022**

*Translink is Metro Vancouver's transportation network, serving residents and visitors with public transit, major roads, bridges and Trip Planning.*

<b>Technologies</b>	C#, ASP.Net MVC 5.0, Bootstrap, jquery, .net core, Microsoft Visual Studio 2019, GIT, Microsoft Azure
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>• Full stack development using Microsoft technologies like ASP.NET MVC, .net core, C# and SQL Server.</li><li>• Refactored and improved maintainability, efficiency, and readability of legacy code.</li><li>• Performance improvement and tuning of many slow running SQL queries and web page optimizations.</li><li>• Implemented new features / integration of their systems.</li></ul>

**36Eight Technologies, Vancouver, Canada**  
**Full Stack Developer**

**Oct 2019 – Mar 2022**

*36Eight is a startup organization having a flagship product for Medical Cannabis Recommendation system based on AI / Machine Learning.*

<b>Technologies</b>	C#, Angular 6/8/9/13, React, Bootstrap, .net core, Microsoft Visual Studio 2019, Microsoft Visual Studio Code, GIT, Typescript, Microsoft Azure
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>• Front end development using cutting edge frameworks like Angular, React, .net core, C#, Microsoft Azure, etc..</li><li>• Refactored and improved maintainability, efficiency and readability of legacy code and turned around the overall quality of web application.</li><li>• Implemented security to match the best recommended standards.</li><li>• Automated unit testing using Jasmine and Karma.</li><li>• Using cutting edge cloud technologies like Microsoft Azure / App Services/ functions / Oauth and CI/ CD pipelines.</li></ul>

**WorkSafeBC, Vancouver, Canada**  
**Technical Lead**

**Sep 2018 – Sep 2019**

***WorkSafeBC is the exclusive workers' compensation insurer in BC, Canada covering more than 200,000 registered employers and 2.3 million workers.***

<b>Technologies</b>	C#, Angular 7, ngRx, Bootstrap, .net core API, Microsoft Visual Studio 2017, Microsoft Visual Studio Code, GIT, Typescript, Microsoft Azure, Service Bus, ngRx
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>• Leading a team of 4 developers and delegating tasks, liaising with business analyst and other stakeholders to ensure user stories are well defined and implemented with high standards.</li><li>• Full stack development using cutting edge frameworks like Angular, ngRx, .net core, C#.</li><li>• Using cutting edge cloud technologies like Microsoft Azure and leveraging search indexes using CQRS, microservices, etc</li><li>• Constant commitment to great attention to detail and ensuring high quality code.</li></ul>

**Matchbyte (Remote work)**  
**Technical Lead**

**Nov 2017 - May 2018**

***Matchbyte is an accomplished and ambitious team of technology professionals with over 50 years of combined airline and commercial software experience.***

<b>Technologies</b>	C#, Angular JS, React, Bootstrap, Web API, Microsoft Visual Studio Community 2017, Microsoft Visual Studio Code, GIT, LINQ , Javascript, ES6, .NET Framework 4.5, SPA
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>• Cutups of the FE designs using Bootstrap and then integrating them into final projects.</li><li>• Front end development using cutting edge frameworks like AngularJS, React, ES6, Babel.</li><li>• Developing and collaborating on new projects using the cutting edge of JavaScript ES6/ES7 (Async/Await Promise API), React and JSX notation.</li><li>• Constant commitment to great attention to detail and ensuring high quality code adhering to established ESLint standards.</li><li>• Delegating tasks, liaising with backend developers and handling multiple projects simultaneously, ensuring deadlines are met to the client's scheduled deployment to production.</li></ul>

**City Of Edmonton, Edmonton, Canada**  
**IT Consultant**

**Mar 2014 – Jun 2015**

***City of Edmonton is the capital of the province of Alberta and holds all main provincial areas of government such as the Provincial Legislature of Alberta.***

<b>Technologies</b>	ASP.NET MVC, ASP.NET , C#, Angular JS, Telerik Kendo UI, Bootstrap, Web API, SQL Server 2012, Visual Studio 2012, TFS, LINQ ,Automated Unit Testing, Javascript, .NET Framework 4.5, SPA
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>• Worked on developing a web application where users can apply for new business licenses or apply for renewal of the business licenses thereby reducing the time for the City of Edmonton employees in processing the applications.</li><li>• Architect, Design and development of multiple modules across the product at City Of Edmonton.</li><li>• Responsible for the full stack (front end development, application logic, services, data persistence, etc).</li><li>• Supervised junior developers on designing and implementing some of the most critical modules across the product.</li><li>• Did automated unit testing on the product.</li><li>• Did Performance tuning for various bottlenecks occurring in one of the existing systems.</li></ul>

**PPM 2000 Edmonton, Canada**  
**Senior Technical Consultant**

**Oct 2013 – Mar 2014**

***PPM specializes in Incident, Investigation and Case Management software providing end-to-end Incident Management solution that has been implemented by thousands of organizations.***

<b>Technologies</b>	ASP.NET 4.0, C#, WCF, SQL Server 2008/2012, Oracle, Visual Studio 2012, TFS, LINQ, Javascript, .NET Framework 4.0
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>• Part of the Custom Technical Services team responsible for Integrations, Migrations, Interfaces and Custom Reports.</li><li>• Architect, Design, development, deployment and UAT of multiple integrations, migrations and customizations.</li><li>• Responsible for Requirements Gathering, Documentation and Analysis for various projects through regular Customer Interaction.</li><li>• Mentored junior members on the team.</li><li>• Responsible for Code Reviews and Process Improvements in the team.</li></ul>

**OPEN SOLUTIONS, Gurgaon, India**  
**Lead – Engineer**

**Apr 2012 – Apr 2013**

*Open Solutions, now part of Fiserv, helps community-based financial institutions succeed by providing solutions ranging from Core Banking, Document Management, CRM/BI, etc. for all their needs.*

<b>Technologies</b>	ASP.NET 4.0, C#, Web Services, SQL Server 2005/ 2008/2012, Oracle, Visual Studio 2010, XML, XSLT, TFS, LINQ ,Automated Unit Testing, Javascript, .NET Framework 4.0
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>• Worked on the CRM / BI product of a core banking product suite which helps Financial Institutions access intelligent, rich and robust data. The core banking data is summarized, run through profitability and householding algorithms, and organized, which provides true intelligence for a financial institution to succeed.</li><li>• Architect, Design and development of multiple enhancements across the product.</li><li>• Supervised junior developers on designing and implementing some of the most critical enhancements across the product.</li><li>• Responsible for the full stack (front end development, application logic, services, data persistence, stored procedures, triggers, etc.).</li><li>• Initiated and continued automated unit testing on the product.</li><li>• Followed continuous integration with TFS builds.</li></ul>

**Globallogic, Noida, India**  
**Consultant-Engineering**

**Mar 2007 – Oct 2011**

*Globallogic provides full product lifecycle services from product experience and product development services to content engineering and system operations and support services through a global network of technology and industry experts.*

<b>Technologies</b>	ASP.NET, C#, WCF, Telerik Controls, Windows Service, SQL Server 2005/ 2008, JQuery, JayRock, JSON, MSMQ, Automated Unit Testing, Nunit, TFS, LINQ, Javascript, .NET Framework 3.5,XML, XSLT, Enterprise N-tier architecture, MSI Builds
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>• Analyzed, Designed and Developed new features for different products of a leading mobile content provider in US catering to clients like AT &amp; T, Verizon, T-Mobile , etc .</li><li>• Responsible for the full stack (front end development including custom ASP.NET user interface controls, application logic, services, data persistence, stored procedures, triggers, etc.) development of applications.</li><li>• Mentored junior developers during development.</li><li>• Automated Unit testing and Integration testing of applications.</li><li>• Followed agile methodology and used continuous integration with TFS builds.</li><li>• Developed the web-based storefront of the e-commerce platform for AT &amp; T using modern interactive website design.</li><li>• <b>ONSITE EXPERIENCE of 3 months in US</b></li></ul>

**Tata Consultancy Services, Mumbai, India**  
**Assistant Systems Engineer**

**Jan 2006 – Feb 2007**

*Tata Consultancy Services is leader in the global marketplace and among the top 10 technology firms in the world. They add real value to global organizations through domain expertise plus solutions with proven success in the field and world-class service.*

<b>Technologies</b>	ASP.NET, C#, Crystal Reports, SQL Server 2005, Javascript, XML
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>• Developed enhancements to enterprise financial planning Web-based .NET application for Merrill Lynch in US.</li><li>• Performed system / technical analysis.</li><li>• Creation of Database Schema, Store Procedures and triggers.</li><li>• Troubleshoot and resolved bugs in .NET applications to ensure optimal development environment.</li><li>• Unit testing and Integration testing of applications.</li></ul>

**Rave Technologies, Mumbai, India**  
**Software Engineer**

**Jan 2004 – Dec 2005**

*Rave Technologies is a leader in Outsourced Product Development for Independent Software Vendors (ISVs) and 'On-demand' or Software-As-a-Service (SaaS) providers.*

<b>Technologies</b>	ASP.NET, C#, Winforms, SQL Server 2000, COM, Javascript, N-tier architecture
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>• Worked on different applications on various domains like Retail, Education, etc for multiple clients.</li><li>• Performed system / technical analysis.</li><li>• Involved in the development of GUI and components.</li><li>• Creation of Database Schema, Store Procedures and triggers.</li><li>• Troubleshoot and resolved bugs in .NET applications to ensure optimal development environment.</li><li>• Worked on Microsoft Visio Enterprise Architect for designing.</li><li>• Used tools like NUnit and Nant for unit testing and automated builds.</li><li>• Took an active participation in the deployment at client site.</li></ul>

## **EDUCATION**

- **Master of Science in Software Development, 2024 - 2025** from Boston University, Boston, Massachusetts
- **Masters in Computer Software and Applications, 2004** from K.J Somaiya Institute Of Management Studies and Research, Mumbai
- **Bachelor of Computer Applications, 2001** from Chaudhary Charan Singh University, Meerut

## **TRAININGS/WORKSHOPS ATTENDED/CERTIFICATIONS**

- Attended a 2 day **Scrum Team Training** held at Globallogic in Sep 2008.
- Microsoft Certified Professional in Developing and Implementing Web Applications with Microsoft Visual C# .NET and Microsoft Visual Studio .NET
- Microsoft Certified Professional in Designing and Implementing Databases with Microsoft SQL Server 2000 Enterprise Edition

## **ACHIEVEMENTS:**

- 1) **Cumulative GPA of 4.0 / 4.0 in Master of Science in Software Development.**
- 2) Received **monthly award** for conducting technical training sessions at Globallogic in Oct 2010.
- 3) Received the **Quarterly Individual Excellence Award** at GlobalLogic in December 2007.
- 4) **Silver Medalist** for being the second rank holder in Masters.