

# Niraj Trivedi

Software Engineer

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Sydney, Australia

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## Summary

Outstanding ability for handling project individually and also with the team members as well as good skill to handle clients. Innovative and willing to take new exposure with new ideas. Strongly committed to handling project and complete the project on time with full enthusiasm. Desire to be a part of vibrant and leading organization to assist the organization in all aspects by utilizing all my skills.

## Experience

### MasterCard

Sydney, Australia

Aug, 2017 – Present

Perform design and development of Web API of rewards platform with distributed microservices.

- Core development using **.NET technology with C# and SQL Server**
- **Build microservices and Web APIs** with distributed system using NService bus
- Establish **continue integration and continue deployment** using Teamcity and Octopus deployment
- Develop continues integrated system in **Scaled Agile Framework** using program incremental model

### Rashays

Sydney, Australia

May, 2017 – Aug, 2017

Working on point of sales system which include various sales, purchase, inventory, product management.

- Core development using **.NET technology with C# and SQL Server**
- Providing support to existing POS and other web or windows based application.
- Establish continuous development processes with a team member.
- Used SVN and TFS for project management tool.

### MasterCard

Pune, India

Mar, 2016 – Apr, 2017

Responsible for the core development of loyalty solution and sourcing and fulfillment module using .Net application.

- Establish continuous development processes in **Agile Development**.
- Be a part of different **Scrum Ceremony** like daily stand-up meeting, sprint review and retrospective.
- Used **Jira and Rally** for project management tool.
- Design and build the working software using **Test driven development** environment

**SFW India Pvt Ltd** (acquired by CIVICA)  
Vadodara, India

**Feb, 2014 – Feb, 2016**

Started my professional carrier as junior software engineer where I worked as a part of self-organized development team and participated in all scrum ceremony

- Core development using **.NET technology**
- Implemented and learn **agile methodology** and learn software development life cycle in real life
- Implemented **clean code practices** by using tools like **SonarQube**
- Implemented continues integration using **TFS build definition**

## Education

**Master in Information Technology**  
Charles Sturt University, Sydney, Australia

**Jun, 2017 – May, 2019**

**Master of Computer Application**  
Gujarat Technological University, Anand, India  
*Final degree with 8.48 CGPI*

**Jun, 2011 – May, 2014**

**Bachler of Computer Application**  
Gujarat University, Vadodara, India  
*Final degree with 77 percentage*

**Aug, 2007 – May, 2010**

## Technical Expertise

Development Tools: Visual Studio .NET, Microsoft Management Studio SQL  
Technologies/Framework: .NET Framework  
Languages: C++, C#, Vb.net  
Databases: MS SQL Server, MS Access  
Operating System: Windows XP/7/8/10, Linux  
Reporting Tools: SQL Server Reporting Service, Crystal Report  
Web Technologies: MVC, Web API, WCF Services, HTML, WWF  
Source Control: SVN, TFS, Git  
Project management tool: Jira, Rally  
SDLC: Agile methodology and SAF (Scaled Agile Framework)

## Key Competencies

How I rate my skills :

1 = Limited knowledge

2 = Ability to perform. Conceptual knowledge only

3 = Can perform with assistance or high reliance on documentation

4 = Can perform without assistance. Comprehensive knowledge

5 = Can give expert advice and lead others to perform. In-depth knowledge with ability to lead and direct

Technologies	1	2	3	4	5
.Net Technology				*	
C#, Vb.net				*	
ASP.NET			*		
MVC				*	
Web API 2					*
Microservices				*	
Entity framework and Dapper				*	
LINQ				*	
SQL Server, MySQL					*
Web service and WCF				*	
Agular		*			
HTML, CSS, JavaScript			*		
NService Bus and MSMQ				*	
Crystal Report				*	
SQL Server Reporting Service			*		
Subject-Matter Major Concept	1	2	3	4	5
Agile and Scrum Framework					*
Scaled Agile Framework				*	
Test Driven Development (TDD)				*	
Business Driven Development (BDD)			*		
Continue Integration					*
Continue Deployment				*	
Development Tools	1	2	3	4	5
Team foundation server				*	
GIT				*	
Bitbucket and SourceTree				*	
TeamCity				*	
Octopus			*		
NUnit				*	
SonarQube		*			
Non-Functional Skills	1	2	3	4	5
Jira		*			
Rally			*		
Communication Skills				*	

## Key Project and Initiative

Project	Description	Technology Stack
<b>Loyalty Solution</b> <i>Mastercard</i> <i>Sydney, Australia</i> <i>Aug 2017 - Present</i>	Design and develop different API for rewards platform which include GetPointBalance, RedeemPoints or RefundPoints. Build a distributed system with micro service concept. Each of the bounded context like points engine, redemption, travel have their own system and database. As a part of this system we also build an gateways using which customer can interact with the system component	<ul style="list-style-type: none"><li>• .Net Framework 4.5</li><li>• Entity Framework 5 LINQ</li><li>• Dapper</li><li>• Web API 2</li><li>• NService bus</li><li>• SQL Server</li><li>• Git with bitbucket</li><li>• CI using Teamcity</li><li>• CD using Octopus</li><li>• TDD using Nunit</li></ul>
<b>Point of Sales</b> <i>Rashays</i> <i>Sydney, Australia</i> <i>May 2017 - Jul 2017</i>	Point of Sales system used to maintain day to day sales and analyze sales data to make business decisions. This system include product management purchases, stock management. also it has different kind of report related to sales, purchase and stock	<ul style="list-style-type: none"><li>• .Net Framework 4.5</li><li>• Entity Framework LINQ</li><li>• Windows form</li><li>• SQL Sync Framework</li><li>• C#</li></ul>
<b>Loyalty Solution</b> <i>Mastercard</i> <i>Pune, India</i> <i>Mar 2016 - Apr 2017</i>	This platform is a leading provider of loyalty products and services throughout Asia Pacific. Loyalty points are added to specific users bucket when payment is made by his Credit Card. User can redeem those points from merchant's (Bank's) website and order products. Majorly working in Sourcing & Fulfillments module which offers functionality for merchants to maintain the stock of products and to keep the track of shipping details	<ul style="list-style-type: none"><li>• Net Framework 4.5</li><li>• Entity Framework 5 LINQ</li><li>• MVC/ Web API</li><li>• NService bus</li><li>• NuGet package management</li><li>• CI using Teamcity</li><li>• CD using Octopus</li><li>• TDD using Nunit</li></ul>
<b>Richmond Housing Partnership</b> <i>SWF India Pvt Ltd</i> <i>Vadodara, India</i> <i>Jan 2015 - Feb 2016</i>	Richmond Housing Partnership is a local housing company, regulated by the Homes and Communities Agency (HCA), UK. RHP provides good quality, affordable homes for people in need, to deliver excellent customer service and to support the development of successful communities. Customer needs to apply for House by home choice application. Also existing customer can able to book repair application for existing house for repairing	<ul style="list-style-type: none"><li>• .Net Technology</li><li>• Entity Framework LINQ</li><li>• Web API 2</li><li>• SQL Server</li><li>• C#</li><li>• SonarQube</li><li>• CI using TFS build defecation</li></ul>
<b>Emission Trading Scheme</b> <i>SWF India Pvt Ltd</i> <i>Vadodara, India</i> <i>Feb 2014 - Dec 2014</i>	Emissions trading scheme (ETS) are required to report their total emissions of greenhouse Gases each year to the New Zealand Environmental Protection Authority (EPA). Once reported, participants are then required to surrender an amount of emissions "units" that corresponds to the total amount of CO2 (eq) that they have emitted	<ul style="list-style-type: none"><li>• Net Technology</li><li>• Entity Framework LINQ</li><li>• MVC</li><li>• SQL Server</li><li>• C#</li><li>• SonarQube</li></ul>
<b>Freelancing Project</b> <i>Freelancing</i> <i>Vadodara, India</i>	After completion on my bachelor degree I have started freelancing work and build couple of project for local clients like Restaurant management system, bakery management system, Billing system and inventory system as desktop application and build some static website	<ul style="list-style-type: none"><li>• Desktop application and static website</li><li>• Net Technology</li><li>• Entity Framework LINQ</li><li>• ADO.Net</li><li>• Vb.net</li></ul>