HARSH SHAH

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PROFESSIONAL SUMMARY

A results-driven, customer-focused and Agile Software Engineer with more than 11 Years of experience in CRM, E-commerce, Photo Lab, Automation and Machine Learning projects. Expert in the design, development, and delivery of cost-effective, high-performance technology solutions.

PROFILE

- 11 years of experience in Microsoft .NET application development (C#, Angular, Azure) using .NET Framework, .Net Core with deploying applications to Cloud and IIS servers.
- Experience in all phases of software development life cycle, with emphasis on Agile Methodologies, Design Patterns, SOLID Principles and Object-Oriented Design process.
- Skill set includes experience in Software Development using Microsoft technologies - C#, .NET, MVC, Web API, Angular, KnockoutJS,HTML5, CSS3, JavaScript, jQuery,JSON, SQL, LINQ, XML, MS Azure.

Languages & Technologies

- C#, Java, JavaScript, TypeScript, C++, SQL Query
- .NET (Framework, Core), Angular 4/8, MVC, MVVM
- MS Azure, VSTS, RESTful API, Kafka, ElasticSearch, TeamCity, Octopus
- HTML5, XML,AJAX,JSON,CSS3, jQuery, KnockoutJS, Kendo UI
- Microsoft Visual Studio, SQL Server Management Studio, SoapUI, Fiddler

PROFESSIONAL EXPERIENCE

M&T Bank, Buffalo, NY, USA   Jul 2022 – Present
Software Engineer III

Project Environment – **C#**, **.NET, Anguar, WPF**, **ASP.Net, SQL**, Visual Studio 2022, Gitlab, Azure Cloud, Automic, Agile/Scrum, REST API

- Working with Web API, Web Application and WPF application development team who supports mortgage originations and processing pipelines.
- Design and develop new features in client facing web application to support different types of mortgage product using C#, .Net, Azure, DB as Service, SQL and Gitlab.
- Leading Software development projects from end-to-end with engaging, managing and mentoring team of 6 developers to support mortgage processes within the bank.

ClearVision Technologies, Vancouver, BC, Canada – Valco Melton, USA   Jul 2020 – Jul 2022
Senior Software Developer

Project Environment –**C#,.Net core**, **WPF**, **Machine Learning**, **Computer Vision** using OpenCV, .Net framework 4.7.2, VS 2019/2022, XAML, SQLite, Agile/Kanban

- Working with WPF software development team for Image Processing, Machine Learning (ML) and Vision analysis for automated production line corrugated boxes and packaging inspection.
- Design and develop new modules in BoxChek WPF application to analyze different type of product using C#, XAML, Multithreading, Parallel Processing, SQLite and VSTS.
- Leading and training new teammates for new development steps, following standard development procedure, support, and maintenance tasks.

Staples Canada - PNI Digital Media Ltd, Vancouver, BC, Canada   May 2018 – June 2020
Software Developer II

Project Environment – **RESTfulAPI**, **AzureMigration, C#, .Net core, TypeScript, Angular 4/6, Azure App Service, Blob storage, Kafka, ElasticSearch,**VS 2015, CI-CD, YAML,TeamCity, Octopus, SQL server, Agile

- ➢ Working with eCommerce API team for developing and maintaining large-scale RESTful API services (C#, .Net Core) which is being consumed by all the applications and retailers.
- ➢ Design and Build Orders API and Application using C#, Angular 4 and .Net Core, which serves as a centralized platform for creating and processing orders for any retailer or application.
- ➢ Migrated web services and applications to Microsoft Azure environment with setting up VSTS CI-CD pipelines for one of the biggest client Sam's Club USA.
- ➢ Converted more than 60 microservices to perform in Azure environment and function with Blob storage instead of NAS drive for accessing and processing assets.

Peak Group of Companies, Richmond, BC, Canada   **Aug 2015 – May 2018**
Software Developer
Project Environment –**MS Azure**, **C#**, **Angular 2**,**.Net, TypeScript, JavaScript, Git,CI-CD Automation**, **TDD,**
Web API,VS 2015, jQuery, KnockoutJs, VSTS, Agile/Scrum
- ➢ Worked with a team of six to design, develop and deploy .NET MVC, C# web-based applications like E-Contract, Peak Portal and Appointment Booking for Doors/Windows Installations projects to reduce the amount of time being invested on paper procedures.
- ➢ Designed and developed the Restful Web API services and its consumption in E-Contract, Peak Portal and Appointment Booking.
- ➢ Used Code first approach using Entity Framework and LINQ to make *Object/Relational Mapping* to work with relational data as domain-specific objects.
- ➢ Performed effective Unit Testing using NUnit Framework tovalidate all the use case scenarios.
- ➢ Worked in a Scrum Agile process with two-week iterations delivering new features and functionalities at each iteration using JIRA and Team Foundation Server.

IQ Interactive, Edmonton, AB, Canada   **Apr 2013 – Dec 2014**
Software Developer
Project Environment – **C#, .Net**,**WPF, Web App**, **JavaScript**, **SQL server**, XAML, XML, XSL, VS 2012, IIS
- ➢ Performed complete software design and development (from initiation to release) for two major products IQ Sync and Sync Styler, which helped in synchronization and customization of data for digital signage display system.
- ➢ Created web applications using Visual Studio 2012 (with C#)and SQL server(ADO.net, Stored Procedures) with Responsibilities including design (HTML, JavaScript, jQuery), coding, deployment, maintenance and support.
- ➢ Built an interactive Map Application for touch screens to find attractions nearby and routing assistance for it using HTML5, CSS3, JavaScript, and Google API.
- ➢ Prepared documentation according to industry standards for all the development projects. Like SOP (Standard Operating Procedure) and FAQ (Frequently Asked Questions).
- ➢ Presented apps demo and documentation in front of client and manager for training and deployment purposes.

Spinx Inc., Ahmedabad, India   **Sept 2009 - Aug 2011**
Web Developer - Worked for websites and web services projects including designing and developing of proprietary solutions.
- ➢ Worked for implementing design elements, applying wireframe into development process, and adding functionalities to controls based to client's requirements.
- ➢ Responsible for compiling, troubleshooting, and debugging source code using HTML5, XHTML, CSS3, JavaScript, ASP, SQL server

EDUCATION

- • **Bachelor of Engineering (Information Technology)**North Gujarat University, India (2005 - 2009)
- • **Advance Diploma (Software Engineering Technology)**   Centennial College, Toronto (2011 - 2012)