

Dipen Bhaveshkumar Shah

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Phone: +1 (647)278-7694

Qualification summary

- More than 4 years of academic and 4 years of professional experience in application design, development, and testing
- Strong fundamentals in data structure and algorithms
- Experienced in working in a team in an agile environment
- Proven ability to work on multiple projects simultaneously
- Very quick learner and highly adaptable
- Effective communication skills

Relevant work experience

Software Engineer

MPAQ Automation Inc.

Mississauga (Sep 2016 - present)

- Rearchitected existing single tier software applications to scalable, decoupled, and efficient n-tier architecture
- Used test driven approach to make sure core functionalities of the applications are bug proof
- Architected reusable, scalable, and configurable QuickBooks integration library and integrated it into various applications to support direct invoicing from MPAQ products to QuickBooks
- Created an internal nuget package server and refactored existing code into various nuget packages to remove code duplication
- Designed an automated audit logging solution to monitor property changes on business objects
- Developed a scalable solution to read from various serial scales in parallel at their native frame rate
- Performing regular performance check on MPAQ products using various sys internal tools to make sure maximum performance is achieved
- Daily debugging and fine-tuning source code in C#, WPF, Razor, and C++ to remove any inefficient code from the applications
- Working in an agile environment to deliver software solutions at a very fast pace in a very old concrete industry

Software Programmer

Quad Infotech Inc.

Toronto (May 2015 – Aug 2016)

- Upgraded an existing web based analytical tool to use reusable controls by refactoring and replacing legacy code with new reusable controls
- Developed new screens by integrating angular.js to provide responsive and fast user interface

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- Created reusable components for filtering and drawing charts using jQuery, Highcharts and d3.js
- Replaced existing software application developed using windows forms with WPF using Model-View-ViewModel architecture
- Architected caching mechanism to improve performance of an existing slideshow screen
- Designed user interface for WPF based forms and controls
- Worked on proprietary streaming server to stream videos from multiple video cameras
- Replaced manual testing with unit tests

Software Engineer

Acmatix Solutions Pvt Ltd.

Vallabh Vidyanagar, Gujarat, India (July 2012 – Nov 2012)

- Integrated optical character recognition capabilities into existing software application using Tesseract-OCR framework
- Diagnosed existing software applications developed in .NET framework 3.5 using DevExpress controls for bug resolution and performance improvement
- Designed user interface for Silverlight based web application
- Developed test cases to automate and improve efficiency of testing process

Education

Advance Diploma in Software Engineering Technology (Honors)

Centennial College, Scarborough, ON
2013 - 2015

Bachelor of Engineering in Information Technology

A D Patel Institute of Technology, Karamsad, India
2008 – 2012

Additional Information

Stackoverflow: <https://stackoverflow.com/users/1177814/dipen-shah>

Github: <https://github.com/dipen08it419/>

LinkedIn: <https://www.linkedin.com/in/dipen-shah-18a0333a/>