

Malav Mistry

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A professional with 8+ years of hands-on experience in the software industry, primed to leverage expertise in tackling intricate problems while driving innovation and delivering tangible results.

Technical Skills

Backend Development: C#, .NET, .NET Core, REST, PHP, Python,

Database: SQL, T-SQL, MySQL, SSMS (SQL Server Management Studio)

Web Development: Angular JS, AJAX, Bootstrap, JSON, HTML, CSS, XML, JavaScript, jQuery, Blazor, ASP.NET MVC

Desktop Development: WPF (Windows Presentation Foundation), .NET MAUI (Multi-platform App UI)

Tools: Visual Studio, Postman, PowerShell, JMeter, FileZilla

Version Control: Git, GitHub, GitLab, BitBucket

Cloud Platforms: AWS (Amazon Web Services), Microsoft Azure, Jenkins, TeamCity

Education

- Master of Science in Information Systems Security
University of the Cumberland January 2020- July 2022
- Master of Science in Computer Science
California State University, Long Beach August 2015- Dec 2016
- Bachelor of Engineering in Information Technology
University of Mumbai August 2011- May 2015

Experience

- **Software Developer 3** Sept 2022 – Present
FDH Infrastructure Services (Raleigh, NC)
 - Develop and maintain web application using Angular, C#, .Net
 - Implement and consume backend API using .Net Core, C#
 - Enforce Test driven development and implement unit testing of developed features using NUnit
 - Design database schema and integrate with Entity Framework.
 - Develop and maintain Desktop applications using Microsoft WPF and .Net MAUI.
 - Create and maintain Cloud Infrastructure and CI/CD using Microsoft Azure.
 - Used Bitbucket for version controlling.
 - Work with PMs, in requirements gathering, prioritization and estimation exercises.
- **Software Developer** Nov 2021 - Sept 2022
Credit Suisse (Raleigh, NC)
 - Build, develop and maintain core functionalities in Risk Management System (RMS) using C#, .NET and SQL Server
 - Created and exposed REST APIs for other applications to integrate with the system.
 - Created unit and integration test cases maintaining test driven development.
 - Designed and implemented database schemas and analyze and optimize SQL query and Stored Procedures
 - Worked with PMs in requirements gathering and prioritization and estimation exercises.
 - Created and maintained code repositories using GIT and CI/CD pipelines using TeamCity.
- **Software Developer** Nov 2019 - Nov2021
Motionsoft Inc. (Rockville, MD)
 - Developed web application solutions using C# and .NET
 - Developed client-side scripting using HTML, CSS, JavaScript, jQuery, AJAX.
 - Designed and implemented database schemas and integrated them with web applications.
 - Analyzed SQL query and Stored Procedures for performance and tuning.
 - Implemented and consumed Restful APIs. Created Test Sets on Postman and provided them to QA.

- Interfaced application with peripheral hardware such as receipt printers, sig pads, payment devices.
- **Technical Support Engineer II** July 2017 - Nov 2019
Motionsoft Inc. (Rockville, MD)
 - Create complex SQL scripts to identify and clean data specific issues to run on Production sites.
 - Debug issues to find the error in the application code, fix it and escalate it to Senior Developers for review.
 - Report code-based issues including data being set into the database incorrectly as well as data being handled incorrectly through code.
 - Optimized poor performing SQL scripts and Stored Procedures
 - Managed and maintained AWS database for internal troubleshooting of software issues.
- **Web Developer** Feb 2017 - April 2017
Pronear Inc (Los Angeles, CA)
 - Developed and maintained a responsive landing website using HTML5 CSS3, JavaScript, jQuery
 - Used php to validate and store user data in .csv format.
 - Set up tracking to track user events on website.
 - Technologies worked with: HTML5, CSS3, JavaScript, JQuery, PHP, Mixpanel
- **Software Engineer Intern** July 2014 - July 2015
Persistent Computer Services (Mumbai, India)
 - Collaborated with the Project Manager and development team members to develop high quality products.
 - Applied object-oriented concepts to develop multi-threaded applications.
 - Worked in a team to create and maintain web applications accessed on desktop environments.
 - Experience in tuning poorly performing scripts.
 - Experience in troubleshooting and debugging software issues.
 - Technologies worked with: .Net, C#, Visual Studio, HTML, CSS, JavaScript, JQuery, SQL

Projects

- **Release Checker** (July 2021)
 - Created a WPF application, which would provide all the comparison details between two Git branches.
 - The details include commits, commit message, JIRA ticket, Fix Version (Release Version)
 - The tool will provide results in tabular form, which can be downloaded or emailed to approvers as a proof of evidence, before a release.
- **Halloween Superstore Web Application** (August 2016)
 - Developed a dynamic website for online shopping with home page, order page, cart page and checkout page.
 - Implemented ASP.Net MVC software architecture pattern.
 - The technologies used are Visual Studio, ASP.Net MVC, C#, HTML, XML, JavaScript, jQuery.
- **Car Review Web application** (April 2015)
 - Implemented sentiment analysis and opinion mining of online car reviews.
 - Collaborated with team members to design and develop a website which provide sentiment analysis of car products.
 - The task was to perform natural language processing, efficient feature extraction, sentiment polarity classification, and provide the users with comparative feature summary of car products.
 - The technology used are ASP.Net, C#, SQL Server, web crawler, HTML, XML, JavaScript, jQuery, SentiWordNet, POS tagging, Natural Language Processing (NLP).