

Malav Hitendra 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, ASP.NET, REST, PHP, Python, MVC

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

Web Development: Angular, AJAX, Bootstrap, JSON, HTML, CSS, XML, JavaScript, jQuery, Blazor

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

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

Version Control: Git, GitHub, BitBucket

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

Experience

Senior Software Developer

Sept 2022 – Present

FDH Infrastructure Services d.b.a Predicant LLC (Raleigh, NC)

- Designed and implemented Software Architecture for solutions, Microservice Architecture for scalable and modular applications
- Developed and maintained web application using Angular, ASP.Net, C#
- Developed web API using .Net Core, C#, .net MVC
- Design database schema using MS SQL and SQL Queries
- Utilized Entity Framework 6 for database connectivity, schema management, and CRUD operations
- Develop and maintain Desktop applications using Microsoft WPF and .Net MAUI using MVVM
- Created Test project and implemented unit and integration testing using NUnit
- Developed FAST API services using Python, implementing signal analysis and integrating ML and DL model
- Hosted Docker images on Azure using Container Registry (ACR) and Container Instances (ACI)
- Assisted in Maintaining Azure Kubernetes Service (AKS) to manage scaling and availability in regions
- Enforce Test driven development in an Agile, SCRUM, environment.
- Used Bitbucket for version controlling and Azure for Cloud Infrastructure, CI/CD
- Led the team by providing technical mentorship, code reviews and ensuring best practices in software development. Facilitated agile ceremonies, sprint planning, and technical discussions to align team efforts with business goals.
- Involved in SDLC and work with PMs, in requirements gathering, prioritization and estimation exercises.
- Technology: C#, .Net Framework 4.8, .Net Core, MVC, MVVM, Angular, SQL, T-SQL, REST API, MS SQL, WPF, .Net MAUI, CI/CD, Bitbucket, Azure, Microservices, ASP.NET, JSON, SQLite, Python, Docker

Software Developer

Nov 2021 - Sept 2022

Credit Suisse (Raleigh, NC)

- Developed core functionalities for the Risk Management System (RMS) used by traders
- Designed, developed, and maintained Restful APIs for processing feeds using C#, .NET MVC
- Implemented complex algorithms and calculations for generating feeds, ensuring high accuracy and efficiency.
- Analyzed and optimized backend API services, reducing response times and improving scalability.
- Designed and implemented database schemas, SQL queries, and stored procedures for improved performance.
- Built and enhanced desktop application GUI using .NET WPF and MVVM architecture.
- Used AI insights and integrated predictive analytics for future PnL and risks leveraging Linear ML models
- Ensured code quality through Test-Driven Development (TDD) with robust unit and integration tests.
- Managed and maintained Azure cloud infrastructure for deploying and hosting API services and databases
- Used Github for version controlling and Implemented CI/CD using TeamCity for Pipeline automation
- Mentored junior developers, resolving technical challenges and fostering professional growth.
- Technologies: C# .Net Framework 4.5, .Net Core 3.1, .net MVC, SQL, T-SQL, REST API, MS SQL, WPF,

Software Developer

July 2017 - Nov2021

Motionsoft Inc. (Rockville, MD)

- Designed and developed enterprise application using Microservice Architecture
- Developed web application for Membership Management using C# and ASP.NET
- Developed client-side scripting using HTML, CSS, JavaScript, jQuery, AJAX.
- Created Restful web APIs using .net Core MVC and support multi-tier web applications
- Designed and implemented database schemas using MS SQL
- Optimized views, queries and Stored Procedures SQL, T-SQL
- Provide Production support on rotation basis, by debugging and fixing issues in the application code
- Create complex SQL scripts to identify and clean data specific issues to run on Production sites
- Managed and maintained AWS database for internal troubleshooting of software issues.
- Leveraged AWS for cloud infrastructure, CI/CD, SNS, SQS EC2 instances and Github for version control
- Interfaced application with peripheral hardware like printers, sig pads, payment devices, RFID Scanners
- Technologies: C#, ASP.Net, .Net Core 2, MVC, REST APIs, MS SQL, SQL, T-SQL, Angular 12, Microservices, Github, AWS. Jenkins, HTML, CSS, Javascript, JSON, AJAX, Razor, Service Oriented Architecture, XML, AJAX, XHR, Agile, Scrum

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: HTML5, CSS3, JavaScript, JQuery, PHP, Mixpanel

Software Engineer Intern

July 2014 - July 2015

Persistent Computer Services (Mumbai, India)

- Collaborated with senior developers to deepen understanding of SDLC fundamentals.
- Worked alongside project managers and development teams to deliver high-quality products.
- Applied object-oriented principles in developing multi-threaded applications.
- Contributed to a team that created and maintained web applications for desktop environments.
- Optimized and tuned poorly performing scripts for better efficiency.
- Troubleshoot and debugged software issues effectively.
- Technologies: .NET, ASP.NET, C#, Visual Studio, HTML, CSS, JavaScript, JQuery, SQL.

Education

- Master of Science in Information Systems Security
University of the Cumberlands 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

Certification

- Microsoft Certified: Azure Fundamentals
Credential ID: B0E3E910FF6DA24A, April 2024
- Applied Machine Learning in Python, University of Michigan,
Credential ID: FPTRBF9P37ES, Aug 2024