

## SUMMARY

Software Engineer with over 10 years of experience in the development and delivery of software solutions. Proven ability to lead and manage teams, as well as work independently. Skilled in a variety of programming languages and technologies. Seeking a challenging environment where I can use my skills and experience to contribute to the success of an organization.

## PROFESSIONAL PROFILE

- Experienced Software Engineer with years of experience in the analysis, design, and development of client/server web-based applications.
- Proven ability to lead and manage a team in developing high quality software solutions.
- Highly motivated, dynamic, self-starter, and good team player with the ability to learn and develop new technologies quickly.
- Proven track record in problem solving, coding, and designing.
- Expertise in application development using .NET Core/Framework and other Microsoft based technologies.
- Mentored team, sharing skills and expertise and encouraged each member to bring forward ideas and suggestions for improvement.
- Designed architecture strategies for large-scale system-wide application deployments.
- Hands-on experience in developing RESTful Web API applications using ASP.NET, Java spring boot, Python-Flask.

## SKILLS

- Programming Languages: C#, JavaScript, Typescript, Java, Python, HTML, CSS, LINQ.
- Frameworks: .Net Framework, .Net Core, Angular, Nodejs, Java Spring Boot, Python-Flask.
- Databases: SQL Server, MySQL, SQLite, AWS DynamoDB, Elasticsearch, NoSQL.
- Software Development Tools: Visual Studio, VS Code, SQL Server Management Studio, and Jupyter Notebook.
- Cloud Computing: AWS, Azure.
- Agile Development, Scrum, Unit Testing, Integration Testing.

## WORK HISTORY

### Custom House Inc, Hyderabad, Telangana

#### Staff Software Engineer, October 2018 – Present

- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance.
- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations.
- Worked with project managers, developers, quality assurance, and customers to resolve technical issues.
- Oversaw the design, development, optimization, service, and implementation of software architecture.
- Communicated frequently with clients to discuss the feasibility and status of various project modules.
- Mentored engineers in software development principles, communication skills, and managed their technical development to ensure knowledge retention and sustainment of a best-in-class team.
- Implemented and practiced agile development methodologies to streamline the product delivery cycle.

### Simform Solutions, Ahmedabad, Gujarat

#### Programmer Analyst, April 2017 – September 2018 (1 year 6 months)

- Managed the development and delivery of multiple projects, from conception to completion.
- Directed software design and development to meet client needs for functionality and performance.
- Identified, prioritized, and executed tasks in the software development life cycle, ensuring projects were completed on time and within budget.
- Delivered scalable system architecture to support high-availability Internet site with various internal applications.

- Improved systems with the addition of new features and infrastructure.
- Mentored developers on design patterns, development best practices, and DevOps, helping to improve the quality and efficiency of software development.
- Resolved customer issues working with the support team, including logging into onsite Advance installation.

#### **Software Developer, September 2013 – March 2017 (3 years 6 months)**

- Developed Revised, modularized, and updated old code bases to modern development standards, reducing operating costs and improving functionality.
- Collaborated with project managers to select ambitious but realistic coding milestones on pre-release software project development.
- Developed Web, Windows 8, and Windows Phone 8 applications using .NET, ASP.Net, and SQL Server RDBMS.
- Collaborated on stages of systems development lifecycle from requirement gathering to production releases.
- Fixed bugs and resolved critical software issues reported daily, with rapid turnaround.

#### **Bodhaguru Learning Private Limited, Hyderabad, Telangana**

##### **Software Development Intern, April 2013 - Jul 2013 (3 months)**

- Partnered with team members to learn best practices in software design.
- Proactively participated in the development of Windows 8 Store applications.
- Worked with developers to identify and remove software bugs.
- Tested user-defined functions and triggers.
- Prioritized tasks and completed them in order of importance.

## **EDUCATION**

#### **G.D. Rungta College of Engineering and Technology, Bhilai, Chhattisgarh**

*Bachelor of Engineering in Computer Science 2013*

#### **Burgess English Medium School, Bilaspur, Chhattisgarh**

*12<sup>th</sup> C.B.S.E (Science)*

#### **St. Xavier's High School, Bilaspur, Chhattisgarh**

*10<sup>th</sup> C.B.S.E (Common Subjects)*

## **PROJECT PROFILE**

### **TeamTalk**

**Role** *Staff Software Engineer*

**Organization** *Custom House Inc*

**Technology** *.NET Core 6, C#, Angular 14, Nodejs, SQL Server, Azure AppService, Azure SignalR, Docker, Azure DevOps Pipelines.*

TeamTalk is a social, emotional, and mental wellness platform for K-8 students. It is built upon 15+ years of research from Penn State University and provides daily mental health check-ins, conversational screenings, and coaching with character coaches. TeamTalk is designed to support children's social, emotional, and mental wellness in a safe, non-judgmental, and non-threatening environment. It was also created to support the advocates around them.

#### **Responsibilities:**

- Identified client's requirements and translated them into sustainable, scalable software applications.
- Defined the overall architecture of the application to meet client needs and project objectives.
- Identified and implemented necessary cloud computing modules for the application.
- Established and maintained the entire continuous integration/continuous deployment (CI/CD) pipeline.
- Led and mentored a team of developers, providing guidance and support throughout the project.
- Ensured adherence to industry best practices and coding standards.
- Collaborated with stakeholders to gather feedback and iterate on software development processes.
- Monitored and resolved any issues or bugs in the application, ensuring its optimal performance.

## Revv Pro

**Role** *Staff Software Engineer*

**Organization** Custom House Inc

**Technology** .NET Core 3.1, C#, Typescript, Nodejs, Docker, AWS Lambda Functions, AWS ApiGateway, AWS DynamoDB, AWS Cloudformation, AWS StepFunctions, AWS Lex, AWS Connect.

Revv is a video-based HR tech solution that reimagines standard hiring practices. It is a mobile app and web platform that combines the professional aspect of a career journey, the video appeal of social networking, and the accuracy of dating sites' neural networks. Revvy addresses unconscious bias by encompassing ethical algorithms throughout the hiring lifecycle to promote diversity and inclusion at a macro level.

### *Responsibilities:*

- Developed an ML-assisted Chatbot optimized for asking and recording user with questions.
- Led a team of developers in the frontend development of the Chatbot, ensuring an intuitive and user-friendly interface.
- Implemented a robust CI/CD pipeline for the project, streamlining the software development and deployment process.
- Created a web scraping module using AWS Step Functions to extract frequently asked questions (FAQ) from a company's website.
- Collaborated with stakeholders to gather requirements and feedback, iterating on the Chatbot's functionality and user experience.
- Conducted thorough testing and debugging to ensure the Chatbot's accuracy, reliability, and performance.
- Implemented data storage and retrieval mechanisms to enable the Chatbot to learn from user interactions and continuously improve its responses.

## Riteload

**Role** *Staff Software Engineer*

**Organization** Custom House Inc

**Technology** ASP.NET MVC, C#, AngularJS/7, SQL Server, Docker, Github actions, Python-Flask, MySQL, Flutter.

Riteload is a freight matching platform that eliminates brokers and provides the best pricing for both shippers and carriers. Riteload's logistics tools reduce truck detention times and empty truck mileage and puts more money in drivers' pockets.

### *Responsibilities:*

- Responsible for application design, code review, development, and optimization.
- Responsible for client communication, requirements gathering and analysis.
- Database modeling, development, optimization, and service implementation.
- Providing support of application deployment and maintenance.
- Migrated application to Python-Flask, MySQL to be deployed on Docker containers to break up monolithic app into microservices, improving developer workflow and testing, increasing scalability, and optimizing speed.
- Built and maintained CI/CD pipelines using Octopus deploy, Github Actions, Docker-Compose.

## Matter Attribute

**Role** *Programmer Analyst*

**Organization** Simform Solutions

**Technology** ASP.NET MVC, C#, HTML, JavaScript, JQuery, SQL Server 2008, Lucene, Bobo browse.

Matter Attribute was an intranet-based web application that provided legal firm with fast, reliable access to thousands of documents. The application also allowed users to discover documents based on key elements of the cases that were categorized in the document. This was achieved by building a faceted-based search system that allowed users to select the characteristics of the case and to make keyword searches for the documents.

### *Responsibilities:*

- Responsible for understanding client requirements, designing, and developing the application.
- Developed Website in ASP.NET MVC with web server controls for the presentation layer.
- Responsible for designing and database modeling and creation of stored procedures in MS SQL Server 2012.
- Worked on the integrating indexing of document, to bring down callback latency from 4000-5000ms to 350-400ms.

## Swift Shopper

**Role** *Software Developer/Programmer Analyst*  
**Organization** Simform Solutions  
**Technology** ASP.NET, MVC, C#, HTML, JavaScript, JQuery, SQL Server 2008.

Swift Shopper, a mobile application that streamlined and accelerated the shopping process for households. The app integrated all aspects of household shopping into a single, unified platform, and enabled retailers to link into its universal, fast checkout system.

### Responsibilities:

- Developed Admin Panel UI using HTML, JavaScript, JQuery, CSS and Bootstrap.
- Development of Web APIs to be consumed by cross platform mobile applications.
- Coding in C# .NET extensively used LINQ.
- Written stored procedures, triggers using T-SQL in SQL Server 2005.
- Integrated data in Admin Panel using Entity Framework.
- Provided Production support.

## Oxford City Guide

**Role** *Software Developer*  
**Organization** Simform Solutions  
**Technology** ASP.NET, MVC, Webforms, C#, HTML, JavaScript, JQuery, SQL Server 2008.

Oxford City Guide is a website and mobile app that provides practical information for locals, visitors, and tourists. It includes information on restaurants, hotels, tours, museums, cinema showtimes, and live events.

### Responsibilities:

- Developed ASP.NET Webforms application with web server controls for the presentation layer.
- Involved in discussing client requirements, designing, and developing the application.
- Involved in developing Admin panel using MVC.
- Involved in developing Web API to be used across multiple platforms.
- Involved in database designing and creation of stored procedures in MS SQL Server 2012.

## Biznitz

**Role** *Software Developer*  
**Organization** Simform Solutions  
**Technology** ASP.NET, MVC, C#, SQL Server 2008.

Biznitz is a mobile app that connects homeowners with contractors and handymen. It saves time by providing a platform for homeowners to post job descriptions and for contractors and handymen to find work.

### Responsibilities:

- Understanding technical/business and functional design requirements.
- Developed Web APIs using ASP.NET, MVC to be consumed across platforms.
- Used Entity Framework to interact with SQL Server 2012 Database.
- Involved in database designing and creation of stored procedures.

## Wocket

**Role** *Software Developer*  
**Organization** Simform Solutions  
**Technology** C#, XAML, WinRT, WPF, Windows Phone 8

Wocket is a next-generation smart wallet that protects identity and replaces physical cards. It stores hundreds of credit, debit, membership, and loyalty cards, and can be used with a voice stamp of approval. It also stores passwords and logins.

### Responsibilities:

- Responsible for development of Windows phone 8 and desktop application.
- Understanding technical/business and functional design requirements.

- Designing UI with specified requirements for Windows Phone 8 app and Windows Desktop application.
- Research and development of Bluetooth low energy module for communication with the device.
- Bluegiga BLE112 hardware integration with the desktop application.

### SQLPro for SQLite

**Role** *Software Developer*  
**Organization** Simform Solutions  
**Technology** C#, XAML, WPF

SQLPro is a powerful SQLite database manager with a user-friendly interface. It allows users to view, edit, and query databases, as well as view the underlying database design.

#### Responsibilities:

- Responsible for developing C#, XAML based UI/UX for the Windows desktop application.
- Created smooth animations using Microsoft Expression Blend.
- Developed and documented multiple user controls to be used across the projects.

### Now What's that Song.

**Role** *Software Developer*  
**Organization** Simform Solutions  
**Technology** C#, XAML, WinRT

Now What's That Song is a Windows 8 quiz game that challenges users to identify songs from short audio clips. Players earn stars for correct answers, which can be used to unlock new song packs and levels. The game is a fun and challenging way to test your music knowledge.

#### Responsibilities:

- Design and development of the application using C# and XAML.
- Developed and implemented the core logic of the application.
- Integrated Parse as the primary backend service and consumed APIs.
- Insured constant server communication to maintain consistency among user logging in from different devices.
- Implemented smooth animations using Microsoft Expressions Blend.

## PERSONAL DETAILS

**Name:** Mustansir Sabir  
**Date of Birth:** 04 November 1988  
**Gender:** Male  
**Languages:** Hindi, English, Gujarati  
**Nationality:** Indian  
**Marital Status:** Married

I hereby declare that the above-mentioned information is correct to the best of my knowledge.

**Mustansir Sabir**