Simran Makkar

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PROFESSIONAL PROFILE

Accomplished IT professional with over **5+ years** of software development experience and demonstrated success in the design, development and implementation of technological solutions based on business needs and objectives.

PROFESSIONAL SUMMARY

- **5.5 years** of professional experience in **Requirements Gathering, Analysis, Design, Development, Deployment**, **Production support, Troubleshooting** and **Implementation** of technology solutions in Microsoft Application Platform including, but not limited to **.Net Core Framework 8.0, API, C# , LINQ, Entity Framework Core, Angular 8+, SQL Server, Azure Function.**
- Extensive experience with **Agile with Scrum Framework, Design Pattern & SOLID Principles.**
- Good experience with **Asp.net core web API**, **Angular 8+** version and **SQL Server** Database.
- Experience with **Team Foundation Server (TFS), GIT, Bit bucket.**
- Hands on experience on database technologies like **MSSQL Server** and **Rapid SQL.**
- Expertise with **Stored procedures, Views, Triggers,** and **Functions** with **SQL Server**.
- Thorough knowledge of addressing **Performance Issues**, **Database design, Indexing , Data Modeling** and other database related activities, involved in query tuning.
- Domain experience involves **Healthcare(HRA), and Healthcare Insurance (Claim Adjudication process).**
- Excellent verbal and written communication skills.

TECHNICAL SKILLS

Programming Languages	: C#, T-SQL, .NET
Frameworks	: Net Framework Core, Visual Studios 2017/2019
Web Technologies	: .Net Core, Web API
ORM	: Entity Framework, Dapper, LINQ.
RDBMS	: MS SQL Server 2016.
Servers	: IIS, Windows Server 2012
Version Control Tools	: TFS, Tortoise SVN, GIT, Bit Bucket.
Package Managers	: Package Manger command prompt, NPM, NuGet.
Project Managing Tools	: JIRA.

EDUCATION

- ✓ **BTech in Electronics and Communication Eng. (79%) from KIET Ghaziabad.**
- ✓ **Completed 12th from R.R. Morarka Public School, Boondki (CBSE) with 88.8%.**
- ✓ **Completed 10th from St. Mary's School , Nagina (ICSE) with 87.4%.**

PROFESSIONAL EXPERIENCE

1. **Carelon Global Solutions**

Project	: Claims adjudication Process	Nov 2023 – 8th March 2025
Role	: Senior Software Eng.	
Environment	: .Net Core, C#, Angular, Azure, SQL Server.	

Project Description:
Claims adjudication is a complex process that healthcare payers use to evaluate medical claims and determine how much to reimburse healthcare providers.

Roles and Responsibilities:
- Involved in End-to-End development of the application which involves full life-cycle of the project from Requirement gathering, Analysis, Design, Development & Deployment of the application.
- Implemented **Dapper ORM, Auto Mapper, Dependency Injection,Rule Engine, Caching.**
- Worked on **API performance optimization by optimizing the sql queries and code optimization thereby** reducing the **execution time to half.**

2. **Accenture**

Project   : One AAA
Role   : Full stack developer
 Environment   : .NET Core Web API, C#, VS 2017, Entity framework Core, Angular 10, SQL Server.

Roles and Responsibilities:
- Involved in End-to-End development of the application which involves full life-cycle of the project from Requirement gathering, Analysis, Design, Development & Deployment of the application.
- Developed web-based application using **Angular 14 (Front-End) & .Net Framework Core Web API (Back-End)**
- Well versed with **Transact SQL scripts**, Complex **Stored Procedures, Triggers** and **Functions**
- Used **GIT** for Source Control management and participated in code review.

3. **Tata Consultancy Services**

June 2019 –Oct 2021

Project   : PostNord IPS
Role   : Ass. Software Engineer
Environment   : .Net, C#, VS 2017, SQL Server and Bitbucket.

Project Description:

IPS project focused on the import and export of letters, parcels, and related shipments for Sweden.
It involved managing separate servers for different countries to handle the specific requirements and operations.

Roles and Responsibilities:
- Developed a console based pplication scheduled in task schedular. This automation has reduced the processing time by 60% which was earlier done manually taking 3 hours daily.
- Well versed with **Transact SQL scripts**, Complex **Stored Procedures, Triggers** and **Functions and Data Modelling.**
- Worked on Changes , created monitoring tools by automating all the manual task.
- Introduced bitbucket for daily code push/pull activities and have shared knowledge on it in the team.

HOBBIES

- ✓ Singing
- ✓ Dancing
- ✓ Listening Music

Declaration

I hereby declare that all the particulars given in this resume are correct to best of my knowledge and belief.

(Simran Makkar)