SANJAY SUKHWANI

Backend Engineer | C#, .NET, API Integrations

Ahmedabad, Gujarat

7623867659 sanjayasukhwani@gmail.com sanjay-sukhwani debugger-snjy Portfolio

CAREER PROFILE

Backend engineer with 2.4+ years of C#/.NET experience building and supporting Web APIs, Windows services and third-party API integrations for client deployments. Cut a Web API's response time from 10-12s to 1-2s through stored procedure optimization. Integrated Stripe, Meta WhatsApp Business and SAP Service Layer APIs, including error handling and logging for failed syncs.

TECHNICAL SKILLS

Languages: C#, SQL (T-SQL, SAP HANA SQL), Python, JavaScript

Backend: ASP.NET Web API, REST APIs, JWT Authentication, Windows Services, third-party API integration

Databases: SQL Server, SAP HANA, MySQL

Database skills: Query Optimization, Stored Procedures, Data Modeling

Tools: Git, GitHub, Postman, GitHub Copilot, Claude Code

Enterprise: SAP Business One (SDK, DI API, UI API, Service Layer)

Other: Node.js, React.js, FastAPI, Django

PROFESSIONAL EXPERIENCE

Junior Programmer **Jul 2024 - Present**

Silver Touch Technologies Ltd. *(~2 years 4 months)*

- Build and support C# Web APIs, Windows services and add-ons that integrate SAP Business One with external systems for client deployments
- Troubleshoot production issues reported by clients by tracing logs and understanding the data flow
- Write and tune SQL Server and SAP HANA queries and stored procedures
- Gather requirements directly from clients and deliver enhancements

Key Projects

1. **Vendor Portal Integration Web API |** *ASP.NET Web API, C#, SAP HANA, Stored Procedures, JSON*
   - Built a Web API over SAP HANA with GET endpoints for Items, Purchase Orders, Purchase Requests, and documents, plus PO creation via POST through SAP Service Layer
   - Cut response time from 10–12s to 1–2s by using Common Table Expression (CTE) & reusing it across the stored procedures

2. **Stripe Pay Add-On |** *SAP B1 SDK, C#, DI API, UI API, SAP HANA, Stripe API, JSON*
   - Maintain the Stripe–SAP B1 integration that syncs invoices and payments
   - Fixed failures caused by Stripe API changes
   - Logged the request and response of every Stripe API call so failures could be traced; reproduced the flow in Postman first to confirm expected behavior

3. **Silver WhatsApp Add-On |** *C#, Meta WhatsApp Business API, JSON*
   - Integrated the Meta WhatsApp Business API into an SAP B1 add-on so users send WhatsApp messages from within SAP when creating/updating the document

- Built template management: create, update, and upload templates to Meta's template master from inside the add-on

4. **Silver AutoMailer |** *Windows Application, Windows Services, C#, XML, SAP, Service Layer API*
   - Built a Windows app where users schedule email templates per scenario, and a background Windows service that tracks events and sends the emails
   - Added PDF/Excel attachments with per-recipient emails generated from SAP data, running on both SQL Server and SAP HANA
   - Deployed at 10+ clients, handling service installation and template design

5. **Production Booking Integration |** *Add-On*, *Windows Application, Windows Services, Web API*
   - Built & Maintained the Web APIs used by the Windows application, and integrated the application with a Windows service
   - Built an SAP B1 add-on using UI API with a custom BOM form (dynamic fields and tab), auto-filled values through Formatted Search/CFL, and automatic item creation via DI API
   - Built Production Booking System with auto Goods Issue/Receipt using DI API + real-time document linking

Software Trainee Engineer **Jan 2024 - Jun 2024**
Silver Touch Technologies Ltd. *(6 months)*

- Built web applications in C# using ASP.NET MVC, including Paper Planner, a paper-setting and evaluation platform with automated result generation
- Built 3 full-stack web applications during training period using React, Node.js, Angular frameworks
- Implemented MySQL database schemas, optimized SQL queries, and built RESTful API endpoints

EDUCATION

Ganpat University (U.V. Patel College of Engineering), Mehsana **2020 - 2024**
Bachelor of Technology in Information Technology *CGPA - 8.94*

ACHIEVEMENTS

- Solved over 150 problems on Codechef Coding Platform
- Worked as a **Part-Time Lecturer** at C-DAC Computer (Govt. of India) - Icon Academy