SATHYAN S
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OBJECTIVE:

To work in a challenging and creative environment and utilize my knowledge towards the goal of the Organization in the field of Software development. To become a better individual by constant self-motivated learning and improvement.

CURRENT EMPOLYER:

SunUnited Infologics Pvt Ltd, Palakkad, Kerala

Designation   : Full Stack Developer

Period   : April'2025 to Present

PREVIOUS EMPOLYER:

Team lease (Hubbell India), Chennai

Designation   : Application Developer

Period   : Sep'2023 to Mar'2025

PROFESSIONAL EXPERIENCE:

- .NET & .NET core - Professional working Proficiency.

- C# - Professional working Proficiency

- SQL - Professional working Proficiency

- WPF(MVVM) & WinForms - Professional working Proficiency

- OOPS - Professional working Proficiency

- ASP.NET (MVC) - Professional working Proficiency

- Entity framework - Professional working Proficiency

- REST API - Professional working Proficiency

- Html, CSS, Bootstrap - Professional working Proficiency

- JavaScript - Professional working Proficiency

- Crystal Report- Professional working Proficiency

- Angular - Working Proficiency

PROJECT SUMMARY:

○ **Quazite Enclosures:**

- Initially, I focused on developing the user interface for Quazite enclosures utilizing GODOT and C#. I established a connection with Inventor through a reference DLL and created both 2D and 3D models using C# logic.

- I incorporated C# backend logic to produce various series of Quazite enclosures within the existing automation application, including sample models such as FRP17X30 and FRP24X36.

- To obtain details about these sample models, including product catalogues, features, and descriptions, I stored the information in an SQL database.

- The technologies employed in the development of this application include the .NET framework, C#, Godot (physical engine), and inventor.

○ **BLP Automation:**

- BLP Automation (Braced Line Post Insulator) project is a Desktop Application.it is developed using Microsoft WPF Framework with MVVM (Model View View-Model) design pattern.

- SQL server is used as a Database to handle data.

- BLP application basic CURD operations with SQL database based on the User Input and involves complex MVVM binding.

- It also uses Inventor API'S (3D Modelling software from Autodesk) to create 3D Assemblies and perform 3D operations based on the User Inputs

○ **EVP Arrested:**

- Arrester Automated Drawing Generator – EVP is a portal to generate a drawing based on the customer input (Catalog No).

- The arrester drawing generators are used by various personnel like marketing, engineering, production, and customer service.

- The current platform is functional, but we periodically experience reliability issues which disrupt our day-today business. The application was built using technologies such as ASP.NET MVC, .NET Core 3.1, SQL Server, JavaScript, jQuery, and Git.

○ **ERP Project: (Present)**

- Developed and implemented a custom ERP system using ASP.NET (web) and WPF (Desktop) for managing production planning, inventory control, procurement, and sales order processing.

- Integrated **Material Requirements Planning (MRP)** and **Bill of Materials (BOM)** modules with SQL Server backend for real-time data tracking and reporting, improving operational efficiency and reducing process delays.

- Designed WPF desktop application for shop floor operations and production tracking.

- Built ASP.NET web modules for order processing and inventory monitoring.

- Implemented role-based authentication and secure data access & Automated KPI and stock reports for management using SQL Server Reporting Services (SSRS).

- The application was built using technologies such as ASP.NET MVC, .NET Core 3.1, SQL Server, JavaScript, jQuery, REST API and Git.

JOBS AND RESPONSIBILITIES:

- Developed and maintained web applications using **ASP.NET (MVC), C#, WPF**, SQL **Server** and **REST API.**

- Received, reviewed, and analyzed project requirements; planned development activities for timely delivery.

- Collaborated with cross-functional teams to design, code, test, and deploy ERP modules for production, inventory, and procurement.

- Created and optimized SQL queries, stored procedures, and triggers for efficient database operations.

- Designed user interfaces in WPF for desktop applications and implemented responsive UI for ASP.NET web modules.

- Reported project status, progress, and risks to the project manager and stakeholders.

- Used version control (Git/TFS) to manage code changes and maintain code quality through peer reviews.

- Debugged and resolved application issues to ensure smooth functionality in production environments.

EDUCATIONAL PROFILE:

- B.E, Electronic and communication Engineering, Chettinad College of Engineering & technology - Karur | CGPA- 8.0/10 - (2022)
- 12th, Kongunadu higher secondary school, Velagavundapatti | 79%. - (2018)
- 10th, Government higher secondary school, Vaiyappamalai | 87%. - (2016)

CERTIFICATION:

- Certificate of Completion for successful completion of the Frontend Course on Skill-Lync.
- Certificate of Completion for successful completion of java Course on Skill-Lync.
- Certificate of Completion for successful completion of Data structures and algorithms on Skill-Lync

PERSONAL DETAILS:

Fathers Name   : Mr Selvan P

D.O.B   :   10.01.2001

Gender   :   Male

Languages   : Tamil, English.

DECLARATION:

I hereby affirm that the information provided in this document is accurate and true to the best of my knowledge and I wish to thank you for reviewing my resume.

Place:

Date: **SATHYAN S**