**Paul Enoiu**

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**SUMMARY OF QUALIFICATIONS**

A highly qualified successful software developer and engineer with extensive experience in application and software development, analysis and architecture design. Proven ability in analyzing, designing and developing enterprise level applications and successful track record in assessing, analyzing, identifying and detecting critical system deficiencies, recommending and providing improved solutions. Proven ability to leverage system and data analysis for business processes in order to identify problems, collect and analyze data, generate reports, establish facts and trends, and draw valuable conclusions.

Experience in designing, developing and maintaining applications designed for mission critical operations on a daily basis. Ability to bridge the gap between technical and business focused departments. Handled multiple projects simultaneously under time, delivery pressures and on budget. Ensured projects stayed on schedule, adhering to requirements and deadlines. Managed system and software implementations, testing cycles by coordinating tasks with management, business partners and end users for all the required implementation phases.

**PROJECTS:**

\* .NET Balzor Server Application (.NET 8) deployed on Digital Ocean and on Azure Cloud Services. Used GitHub Actions for deployment on a Linux server. Used Microsoft Azure B2C for user account sign-up, sign-in and authentication. User Authentication set on Azure B2C directory. API interface with JWT enforce API authentication. Docket container for mail processing. Database: Atlas Mongo DB Cloud shared 3-tier clustered NoSQL database, with locally a LiteDB NoSQL database.

\* .NET Web API: Designed Web API processor as a standalone .NET application to perform daily invoicing and releasing. Design and implemented Channel Review data - a unified data presentation about the company’s inventory situation on different e-Commerce platforms like: True Commerce, EBay, Amazon, New Egg and Brokerbin.

\* Web App: Web application for reassignment of salesperson to the ERP Customer accounts based on Sale Rep activity.

\* Web API: Designing and developing Web APIs for live price check, inventory availability and product images between Acumatica ERP system and the company’s e-Commerce online platform hosted on BigCommerce.

\* Web Forms (using WCF): Design and implementation of New Rate Best Rate, an enterprise level software solution accessing a JAVA middle tier using multi-thread connections through WCF calls. Integrated security with Windows AD. The application contained screens for search, tabular data presentation and manipulation and application setup.

\* Web API: Designed, developed and implemented a new .NET API web services for managing inspection and testing components used by the Work Order system. Designed a .NET API web services, an integrated software solution exposing a unified Web API to the main legacy application. Processes related to the warehouse activities, Pick List for preparing inventory for shipping and Day End processing services.

\* Web Forms: Designed, developed and implemented 24/7, multi-thread, standalone .NET B2B application for data exchange and data integration for transportation logistics. Processes required the tasks be executed independently, on multiple threads. Application also included event processing and notification for satellite communication. Data exchange used XML over REST HTTP connectivity.

\* Web APP: Designed, developed and implemented complete .NET application for a 3rd party freight bidding solution for transportation logistics. Air Freight Web Management System using ASP.NET, AJAX, jQuery. Data exchange using XML based on predefined XML schema. XML data creation, parsing and conversion for the company's main database.

\* Win Forms: XML Processor for satellite communications used for vehicle tracking/messaging and positioning systems – a B2B application consuming Web Services from a major business partner.

**SOFTWARE AND PLATFORMS USED**

Cloud services using Microsoft Azure, MongoDB Atlas and Digital Ocean online cloud platforms. Used generative AI to speed up software development. Developed web applications, and web services using: .NET Framework, Visual Studio 2005-2022, Azure DevOps, Git, Team Foundation Server, Microsoft Teams collaboration tools, SharePoint. Proficient in MVC, Web API, Web Services, Windows Forms, Web Forms, WCF using C#, ASP.NET, ASP.NET Core, VB.NET, JavaScript, AJAX, jQuery, ADO.NET, and relational databases (Microsoft SQL Server, MS Access, Pervasive PSQL), Dapper, LINQ, XML, JSON, SOAP, CSS, HTML, Log4Net and Serilog, MongoDB and LightDB NoSQL database, Bogus (mock data). Docker containers for .NET Core.

**WORK EXPERIENCE**

**The Word Project - Parrish FL (Jan 2024 – present)**

**Lead Senior .NET Developer**

Designed and implemented .NET Solution containing: .NET Balzor server application initially on .NET 6 and upgrading it to .NET 8. To the solution a Windows Forms project was added for fast Data entry and processing.

Application Deployed on Digital Ocean and on Microsoft Azure Cloud Services. Project developed in Visual Studio 2022 with GitHub as code versioning and repository. Used GitHub Actions for building and deploying the application to Microsoft Azure Cloud on a Linux server. Used Microsoft Azure B2C for user account sign-up, sign-in and authentication. MVC and generative AI for API interface with JWT authentication to enforce API calls authentication and reject any requests without a valid local generated JWT token. The user Web UI page components were formatted for Desktop and Mobile using Bootstrap 5, without the need to create and maintain a separate Mobile application.

Databases used: Atlas Mongo DB Cloud shared 3-tier clustered NoSQL database, locally LiteDB NoSQL database.

**XByte Technologies - Bradenton FL (Oct 2021 – July 2024)**

**Senior ERP .NET Developer**

Maintained, managed, upgraded, and customized Acumatica .NET ERP platform - the XByte main ERP system.

Designing and implementing “Flusher” API solution for processing non-stock order, through API calls from Acumatica

ERP to an Web Application, In this way the same logic could be used for similar actions in the CRM

(Opportunities and Quotes) module, disconnecting the logic and releasing ERP resources.

Designed and implemented new .NET Web MVC application complementing the need for accessing

disconnected processes in Acumatica in a unified automated logic. Designed developed and implemented

Web API application for automatic invoicing and releasing. Web application for reassignment of salesperson

to the ERP Customer accounts. Designing and developing Web APIs for updating price check, inventory

availability and product images between Acumatica ERP system and the company’s eCommerce online

platform ( hosted on BigCommerce). At the end of the run the end user was presented with a live report

containing discrepancies between the inventory availability and prices.

Designed and implemented an automated application which updates ERP entities and the Ecommerce implementation on BigCommerce, overcoming the limitation introduced by Acumatica ERP‘s native build-in API connector.

Used Azure cloud for collaborating and code versioning and Microsoft Teams for communications and intercompany collaboration. Software used: Acumatica ERP, Visual Studio 2019 and 2022, Azure cloud, Postman, .NET Framework 4.x, C#, ASP.NET MVC, JSON, Log4Net, Dapper, IIS, LightDB NoSQL database, Microsoft SQL Server 2019.

**First Choice Channel - Parrish FL (Jan 2018 – July 2020)**

**E-commerce Cloud Service Implementation**

Implemented cross platform (Windows, Linux) e-commerce software solution based on ASP.NET Core 3 and MongoDB NoSQL database. Solution installed on Amazon EC2 cloud services and MongoDB Atlas cloud database (fault tolerant database on a cluster). Solution options: Windows IIS, Nginx and Docker containers.

**America II Electronics - St. Petersburg FL (May 2016 – Jan 2018)**

**System Analyst for .NET Applications**

Designed, developed and implemented a new .NET API web services for managing inspection and testing components used by the Work Order system. Designed a new .NET API web services, an enterprise level integrated software solution exposing a unified Web API for the main legacy application and for other business related processes, designed for providing complex daily operation solutions for internal and external work orders and strong integration with existing web services (warehouse processes, Pick List pulling inventory for shipping, Day End processing services, Document Management, etc). Designed and wrote the stored procedures required for providing object oriented database object layer for the applications. Worked on a new .NET API, Web Services and unit testing, a ground up redesign of the company’s main application.

Expanding, troubleshooting, and improving MVC web solutions (Must Ship and COPS Excess inventory) and .NET web services (handling the business processes between several interfaces).

\* Software tools: Visual Studio 2013 2015, Team Foundation Server, Redgate, Fiddler.

\* Programming language and software components: C#, Java Script, Telerik, ITextSharp Pdf, ADO.NET, Dapper, Ninject, Log4Net, Bogus.

\* Technology used: Web API, MVC, JSON, ITextSharp PDF engine, multi-thread processing, .NET customized Windows services.

**ACT Consulting / Duke Energy - St. Petersburg FL (Aug 2014 – Mar 2015)**

**System Analyst/Programmer for .NET Applications**

Design and implementation of New Rate Best Rate an enterprise level software solution accessing middle tear using multi-thread connections through WCF. Software designed to analyze and generate different US region specific rate scenarios for business customers using complex historical data, custom data manipulation, formulas generation and complex comparison with other established Rates. A complex “What If” scenario was used for allowing the user to input custom data for generating a customized rates for the selected clients. Application allowed parameters customization, live data updates for billing options and customer specific data. Reporting capabilities for presenting the end user the final rating scenarios in a form of Rate Comparison and Rate Calculation.

\* Software tools: Visual Studio 2008-2010, Team Foundation Server, SharePoint, SOAP UI, Fiddler.

\* Programming language: C#

\* Technology used: .NET, Windows Forms, WCF, SOAP, multi-thread processing, integrated security with Active Directory, secure Web Services calls to Java/WebSphere middle tear (security token acquired based on AD integration).

* Implemented: Object Oriented Design, Application data session structure on Singleton object, parallel data processing on multiple elements of the user interface (multi-thread processing).

**TST Expedited Services - Windsor, ON (Nov. 2003 – Oct. 2013)**

**System Administrator, Lead .NET System Programmer**

Coordinated, designed and implemented Business-to-Business(B2B) full-stack integrated software solutions for transportation and logistics, satellite communication, vehicle tracking/messaging and positioning systems, company’s intranet and customized reporting, using .NET framework . Installed, configured, fine-tuned and managed the .NET application servers, Microsoft SQL Server databases and IIS Web servers for project implementation, and deployment.

Daily system management with continuous user and upper management support. Performed routinely systems upgrades and enhancements implementation. Identifying system and software problem and performing maintenance and troubleshooting.

Main projects:

\* Designed, developed and implemented complete 24/7 multi-thread, standalone .NET solution, B2B application for integration and data exchange for transportation logistics. Used separation of programming model so that required tasks can be executed independently, on multiple threads. Developed database middle tier for integration with the main legacy database. Application included event processing and notification for satellite communication. Data exchange using XML over the Internet using REST. XML generation, parsing and conversion of data for populating the main database

\* Designed, developed and implemented complete .NET application for a 3rd party freight bidding solution for transportation logistics. Data exchange using XML based on predefined XML schema. XML generation, parsing and conversion for populating the company's main database.

\* XML Processor for satellite communications used for vehicle tracking/messaging and positioning systems – a B2B application consuming Web Services from a major business partner.

\* Designed, developed and implemented complete 24/7 standalone .NET Win Forms. Event driven XML processor integration for issues regarding pre-authorize release program for US/Canada Customs and Border Protection.

\* Designed, developed and implemented a customized backup solution using WPF .NET application. Used XAML for designing application’s graphical user interface. Separation between presentation layer and the application processing layer. Designed custom schedule for automatic backup.

\* Designed, developed and implemented Air Freight Web Management System using ASP.NET, AJAX, jQuery. Used AJAX asynchronous calls to the server for accessing resources in the background without interfering with the display and behavior of the user’s web page

\* Designed, developed and implemented Driver Logs Management solution – a complete 24/7 standalone .NET Win forms application for managing multiple logs generated by multiple applications.

**EDUCATION**

Regent University, Virginia Beach, Virginia (2003)

Degree: Masters of Business Administration

The Polytechnic University of Bucharest, Faculty of Electronics, Telecommunications and Information Technology

Degree: Engineer