

## SUMMARY

Motivated, self-starting, 20+ year IT veteran with experience in high volume mission critical environments on the Web, under MS Windows systems and across multiple platforms. Duties have ranged from programming to project leadership. Founder and strategists of XavioTech, a Florida-based consulting firm, providing customized web-based solutions to local businesses. Results-driven Senior Software Developer specialized in Object-Oriented Development, Business Intelligence, Data Warehousing and Multidimensional and Relational Databases.

Background and capabilities include:

- Project leadership, management and mentor to other technical resources.
- Application conversions as well as consolidations due to business mergers/acquisitions.
- Hands-on development and integration of multiple applications and technologies under Windows and across other platforms.
- Perform requirements analysis, functional and technical specification, abstract modeling, design, application development, product configuration, unit and system testing and production deployment.

Qualities and work ethics:

- Fast-learner/self-motivated and always eager to stay current on latest technologies in order to share/provide suggestions for improved design strategies and best practice approaches.
- Analytical and detail-oriented problem solver with a strong work ethic who is able to plan, organize, document and prioritize complex and multiple job requirements.
- Earned reputation for consistently delivering quality customer satisfaction and exceeding all targeted goals.
- Proactive and tenacious individual who is adept at working independently or as a team player.
- BS minor and MS degree in related Software Engineering.

## TECHNICAL SKILLS

<b>Web:</b>	C#, VB.NET, ASP.NET, Ajax, HTML, DHTML, XHTML, XML, XSD, XSL, XSLT, XPath, HTC, CSS, JScript, VBScript, PHP, Perl, Python, Java (Eclipse/JDeveloper), Applet, Bean
<b>Windows:</b>	C#, VB.NET, VC++, MFC, WinAPI, C, WSH, OLE Automation, ATL, VSTA
<b>Technologies:</b>	Ajax, Web Services, .NET Remoting, IIS Applications, DOM, COM, ActiveX, APIs, UIPAB
<b>BI &amp; DW:</b>	Analysis Services, DSO, MDX, ADO MD, PivotTable Services, BusinessObjects, WebIntelligence, DTS, Crystal Reports, Oracle Warehouse Builder, ProClarity, MicroStrategy
<b>Databases &amp; Data Access:</b>	SQL Server, Oracle, MySQL, Access, Informix, ADO.NET, DTS, OLEDB, BLOBs, MDAC, Visual FoxPro, PowerBuilder, SQL Anywhere, Btrieve, Paradox
<b>Modeling:</b>	UML, Case, Entity Relationship, DFD, Flowchart, State, Cause-Effect, Booch/SDLC: RUP, EUP
<b>Legacy:</b>	ASP, VB6, VBA, OLAP, ADO, ODBC, DAO, RDO, DDE, Delphi, Borland C++, Pascal, Ada, Clips, Fortran, Lisp, 8088 Assembly

Industry experience includes distribution, warehouse management, logistics, transportation, food and beverage, government, legal, call centers, security and encryption, banking, consumer credit and simulation.

Application experience spans:

- Enterprise Performance Mgmt, Business Intelligence, Data Warehousing, Executive Information Systems.
- Financials including General Ledger, Cash Management, Accounts Payable and Accounts Receivable.
- The entire Enterprise Resource Planning spectrum including Supply Chain, Procurement, Order Fulfillment and Billing, Inventory control, Costing, Purchasing, Sales and Demand Forecasting.
- Customer Relationship Management including Channel Management.

## EDUCATION

MS Computer Integrated Manufacturing, 1995. University of Central Florida, Orlando, Florida.  
BS Physics Engineering, 1990. Autonomous Metropolitan University of Mexico, Mexico City, Mexico.

## PROFESSIONAL EXPERIENCE

### **NORTH AMERICAN RISK SERVICES, Maitland, FL**

**2009**

*Consultant/Senior Software Developer*

Lead development of web-based solutions.

- Developed a web application that builds a list and a map with the locations and other details of those body shops situated within a given radius of the user's entered address by batch querying the Google Maps API.
- Wrote an application to retrieve, edit, validate, generate and export 1099 Tax forms.
- Wrote an application to locate, enter and report on any item stored in the document Warehouse.
- Contributed in the development and enhancements of the company website including a web-based report generator and a customer satisfaction survey and reporting system.

Tools: C#, ASP.NET, AJAX, XML, XSLT, ADO.NET, SQL Server, Oracle, Oracle Forms.

### **ORANGE COUNTY COURT ADMINISTRATION, Orlando, FL**

**2005 – 2008**

*Consultant/Senior Software Developer*

Lead development of a web-based dashboard and case management system for all Judges and Assistants.

- Developed a web-based n-tier secured dashboard system allowing users to interact and morph intelligent reports, generate legal orders, and view alerts and analytics with case, dockets and motions information.
- Created universes, measures, metrics, KPIs, Analytics, WebIntelligence reports and dashboards in BusinessObjects. Mapped the real data in Oracle to the metadata in SQL Server.
- Employed typed objects with rigidly defined schemas implemented in separate Class Library projects.
- Utilized both XML Web Service and .NET Remoting to wrap up different areas of the access layer.
- Employed the Model-View-Controller (MVC) architectural pattern in order to further isolate business logic from UI implementations.

Tools: C#, UIPAB, ASP.NET, ADO.NET, ADO MD, BusinessObjects, WebIntelligence, Crystal Reports, Oracle, SQL Server, Analysis Services, XML, XSD, XSLT, XSL, XPath, Apache Tomcat and IIS, UML, Case, DFD, State.

### **XAVIOTECH, Orlando, FL**

**2004 – 2005**

*Managing Director, Business Partner and Senior Systems Developer*

Business Strategists for the identification and validation of high potential business opportunities and implementation of customized web-based solutions within the marketplace that are aligned with the company strategic objectives.

- Developed a web-based electronic food ordering system for the restaurant industry. Provided custom implementations to several local restaurants including smart coupons, gift certificates and surveys.

Tools: Java with Eclipse, PHP, MySQL, JavaScript.

### **ORANGE COUNTY CLERK OF COURTS, Orlando, FL**

**2004**

*Consultant/Senior Computer Programmer*

Responsible for developing web-based performance measuring tools to enable the Clerk's Office make more accurate business decisions on all company divisions and better track the impact of such decisions.

- Developed dashboard-like applications for operators and supervisors to track and report such business transactions as Customer Service Assistance, Docket Entries, Notices Issued, Payroll Entries, Payments, Citation Entries, Small Claims, Evictions, Arrests, Subpoenas, Sentences, Judgments, Summons, etc.

Tools: C#, ASP.NET, ADO.NET, XML, XSL, Crystal Reports, Oracle, SQL Server.

### **DARDEN RESTAURANTS, Orlando, FL**

**2001 – 2003**

*Senior Systems Engineer, Business Intelligence & Data Warehousing Dept.*

Responsible for managing several major projects simultaneously. This included serving as a member of Darden's Web Standards Swat Team providing recommendations of new technologies, as well as development practices and coding styles for over 30 web developers.

- Developed a flexible web-based Profit and Loss interactive application interfacing with the general ledger, known as the Ideal P&L. This enabled executives to determine profitability from restaurant to corporate level. Resulted in initial savings of \$5,000,000 for Red Lobster's Big East Division alone.

Tools: C#, ASP.NET, ADO.NET, ADO MD, DTS, Warehouse Builder, Oracle, SQL Server, Analysis Services, Informix.

- Reverse engineered the complex db schemas and relationships between MS Project & MS Project Central 2000 to extract Project Management data into Business Intelligence tools for analysis and reporting.

Tools: ASP, ADO, DTS, SQL Server, Analysis Services, Informix.

- Proactively maintained consistent communication with business users, peers and management to ensure customer satisfaction.

**POWERSHIFT, INC., Orlando, FL****2000 – 2001***Consultant/Senior Computer Programmer*

Responsible for assessing and selecting the development technologies based on a conceptual mockup. This included leading and coordinating efforts of a small team of developers. Additionally responsible for the architecture and development of NewDimension.

- Partnered closely with MarketBridge to ensure they were successful in using NewDimension as their main tool to solve their Sales, Marketing and Channel Management and Integration challenges.
- Planned, designed and developed a cube generation and management tool. NewDimension was the ONLY tool in the market at the time that could generate n-dimensional cubes upon enterprise business rules as opposed to pre-existing data in the company.

Tools: VB, ADO, ADO MD, DSO, MDX, SQL Server, Analysis Services, UML, Case, Entity Relationship, DFD, Flowchart.

**WILDCARD SYSTEMS, INC., Sunrise, FL****2000***Consultant/Senior Computer Programmer*

Hired to design and develop the facilities for the migration of credit card information as part of BankOne's business acquisition.

- Wrote Data Transformation COM services resulting in the successful completion of the credit card data migration process.

Tools: Visual C++, ATL, DTS, SQL Server.

**IMAGING DIAGNOSTICS SYSTEMS, Inc. Sunrise, FL****2000***Consultant/Senior Computer Programmer*

Hired to design and develop a suite of products that would secure against piracy of proprietary software code and algorithms that operate the company's Computer Tomography Laser Mammography Scanners.

- Successfully developed application to achieve extreme tight security measures against piracy. Based security logic on encoding the precise combination of the Manufacturer information, the CTLM Scanner and the Computer Hardware Components.

Tools: Visual C++, MFC, WinAPI.

**LOCKHEED MARTIN-PROSOURCE/AMERISERVE, Orlando/Coral Gables, FL****1997 - 1999***Consultant/Senior Programmer Analyst*

Joined the development team to write the Purchase Ordering Guide and the Inventory Control System of EZNet. EZNet was used from the center of operations down to each restaurant. ProSource distributed food products to the country's leading chains such as Burger King, Arby's and Darden Restaurants serving more than 14,500 customers through 34 distribution centers generating sales of \$9 billion in 1998.

- Served as lead developer of EZNet and related family products. EZNet is an inventory control and purchase ordering system for the restaurant business.

Tools: Visual C++, MFC, VB, Visual Fox Pro, SQL Server, MS Access.

**DARDEN RESTAURANTS, Orlando, FL****1997***Consultant/Senior Programmer Analyst*

- Wrote ADAM for the processing and assessing of distributors' service performance. Data manipulation and rule validation are tiered with stored procedures in Informix and stored queries in Access managed by a front-end in Visual Basic and launched by WinNT Scheduler.

Tools: VB, Informix, MS Access.

- Prototyped the Property Accounting product for asset depreciation and retirement.

**INTERNATIONAL COMMUNITY MARKETING, Orlando, FL****1996***Consultant/Software Development Project Leader*

Joined the teleservices company to automate the processing, transformation and delivery of their AT&T long distance related sales fed through their Davox/Concerto telephony services platform.

- Automated the processing of AT&T sales records through the development of Sales Automation.
- Wrote the Application Launcher to schedule the launching of Sales Automation.

**LEAPFROG TECHNOLOGIES, Orlando, FL****1994 - 1996***Computer Programmer/Systems Analyst*

- Developed Advanced Desktop as a server-side and mobile Personal Information Manager application.
- Wrote a Protection and Licensing application as an Out-Of-Process OLE Server.
- Designed, wrote and documented Product Selling and New Deposits for the Branch Automation product.
- Wrote Testbed to test ODBC-Level 2 API calls and benchmark different front and backend applications.
- Wrote a Bug Tracking utility to report and follow up problem areas in products under development.