Donald P. Murphy

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Professional Summary

- Motivated, self-educating, and creative problem solver with 20 years of software development experience.
- Web developer with windows programming skills and a strong foundation in data-centric, multi-tiered systems.
- Knowledgeable in all phases of the software development life cycle.

Professional Experience

Owner/Operator   Aug 2011 – Present   *Oceanview Property Management*

- Handled all day-to-day activities involving homeowner contact, employee management, financials, and bookings.

Systems Analyst   Oct 2008 - July 2011   *Franchise Solutions, Inc, Portsmouth, NH*

- Completed a thorough analysis of the company's software architecture and proposed a redesign strategy to top-level management.
- Designed and implemented http://www.statefranchises.com/.
- Maintain and update over 20 customer facing websites, including http://www.franchisesolutions.com/, http://www.franchise.com/, http://www.womensfranchises.com/ as well as several home-grown administrative applications written in ColdFusion.
- Designed and implemented a RESTful web service offering partners a flexible and robust tool for querying the company's database.
- Developed a library of data access components which provide a common interface for applications to perform CRUD operations. Previously, each application employed unique scripts for these operations.
- Maintain and update 15 supporting MySQL databases.
- Implemented real-time interfaces with several third-party web services for the purpose of sales lead data distribution.
- Provide support to sales, marketing and accounting personnel.

Contracting Software Engineer   June 2006 - May 2008   *Downstream Tech, Marlborough, MA*

- Provided part-time maintenance for the company's legacy information system as well as analysis for the ongoing systems upgrade.
- Implemented the migration of a client-server IT system from Visual Basic 4 to 6, including the upgrade of Crystal Reports and the replacement of many third party controls.
- Migrated database from MS SQL Server 6.5 to 2000.
- Modified various web-based utilities written in Classic ASP and ColdFusion.

Contracting Software Engineer   Oct 2000 - Nov 2004   *PrePaidATM, Inc, Akron, OH*

- Responsible for all phases of software development for this start-up company engaged in real-time transaction processing of over $500,000 per day.

- Developed a secure customer-facing website used for client registration, profile maintenance, financial transaction management and reporting.
- Developed an intranet application which provided a variety of features for customer service, sales, and management personnel.
- Developed a web-based API through which merchant clients could integrate funds transfer functionality.
- Developed a client-server application for printing of shipping media to account holders.
- Provided internal support to all company personnel.
- Provided technical support for merchant API integration.

Contracting Software Engineer   May 2000 – Oct 2000   *Criona, Inc, Nashua, NH*

- Participated in the development of a warehouse distribution system for Footaction, USA.
- Responsible for creating the middle-tier library of COM+ objects written in Visual Basic 6 for communication between a Classic ASP UI, a barcode scanning application, and SQL Server 2000.
- Developed a wireless barcode scanning application utilizing third-party libraries for scanning of barcodes via handheld RFID devices.

Senior Software Engineer   May 1998 - May 2000   *PADS Software, Marlborough, MA*

- Responsible for maintaining and updating in-house Management Information System written in VB 4 and MS SQL 6.5, utilizing DAO, VBSQL, and multiple third party controls.
- Developed a VB 6 application utilizing ADO and T-SQL to extract and massage product configuration data gathered from the company's software license generator application.
- Documented system requirements and functional specifications, and designed the relational database for next generation MIS system. Prototyped the system in Classic ASP.

Software Engineer   June 1997 - May 1998   *Thomson and Thomson, Quincy, MA*

- Responsible for maintaining and updating in-house order entry system for subscription based trademark searches written in VB 4 and MS SQL Server 6.5.

Education

University of Massachusetts   *Boston, MA*

- Bachelor of Science - Finance - 1996
- B.S. Certificate Degree - Management Information Systems – 1998
- Full Stack Developer Certificate Degree – University of New Hampshire – Spring 2022

Technical Skill Set

• HTML/CSS/JavaScript	• Node.js	• Bootstrap/Bulma
• JQuery/JQueryUI	• XML / XSL, JSON	• Web Services (SOAP/REST)
• ColdFusion 4.5 – 9	• Classic ASP	• PHP
• Visual Basic	• MS SQL Server	• MySQL 5.1
• VS Code	• IIS	• Git Hub