

TECHNICAL SKILLS

Languages: JavaScript, Python, HTML5, CSS3, SQL, XML, JAVA

Frameworks/Libraries: jQuery, Bootstrap, Grunt

Other: Git/GitHub, Android Studio

PROJECTS

- [Arcade Game](#) – Frogger-like arcade game built with HTML5 Canvas, JavaScript, and CSS
- [Portfolio](#) – Online resume built with HTML5, JavaScript, jQuery, Google API
- [Product Page Mock-up](#) – Web page based on PDF design mockup built with HTML and CSS
- [Social Network](#) – Relationships organized into social network properties and functions built with Python
- [Search Engine](#) – Search engine with key components including a crawler, an index, and a page rank algorithm built with Python

EXPERIENCE

STRATEGIC PERSONAL FINANCE, LLC, Co-Founder, 2015 • Powell, Ohio

- Startup activities including customer and product development

TEMEDA, LLC, Manager Edge Systems, 07/2013 – 05/2014 • Chicago, IL

- Captured business requirements from stakeholders
- Generated mockups using IBM Framework Manager, Cognos, and LogiAnalytics
- Created star schemas queries to support business intelligence system
- Designed back-end return on investment engine for new product development using time-driven activity-based costing methods

HOMESCHOOLING my children, 2008 – Present • Powell, Ohio

PEOPLES BANK, N.A., IT Specialist, 06/2006 - 03/2008 • Marietta, Ohio

- Saved 60% manager/employee time spent on annual performance reviews by integrating MS SQL Server 2008 Kronos HR system with IBM Domino and Lotus Notes.
- Led corporate-wide technical support for over 600 users, 100 data servers, 50 locations, and 100+ software systems and applications, working with team of 8.
- Directed all Lotus Notes and Domino development in Version 7. Managed Lotus Notes and Domino Domain and Enterprise Server Administration and development.
- Orchestrated collaborative learning program with team members and executive players to present new ideas/technologies for operational improvements.

B2B DEVELOPMENT SERVICES, Consultant/Founder, 04/2004 - 06/2006 • Whipple, Ohio

- Generated 40% decrease in website management costs, 5% reduction in publication errors, and 80% increase in relevant website content published in timely manner.
- Spearheaded recovery of \$250K of FEMA reimbursable man-hour and material-usage expenses for City of Marietta, and saved additional \$100K in hard-to-recover expenses by automating river-level data on website and providing critical information to residents in area recently hit by major flooding.

APACHETA CORPORATION, IT Director, 07/2003 - 04/2004 • San Diego, California

- Led establishment of technology aspect of start-up company, working closely with executive management to facilitate effective communications and tracking systems

- Saved \$50K in unnecessary travel expenses by planning and completing corporate migration from Exchange Outlook to Domino Lotus Notes ND6.5 and Sametime.
- Distributed Source Code Management, and Bug Tracking systems, email, instant messaging, for operations within 9 states, Canada, and Beijing.

ECSOFT, INC., Partner/Owner/Consultant, 10/1999 - 04/2001 • Sterling, Virginia

- Negotiated win-win transfer of several client projects from Delfin Systems to ECSOFT.
- Generated excellent reputation for quality Domino development services in the NOVA area, achieving high rates of customer satisfaction and delivering results.
- Directed software and application development; and managed administrative aspects of business, from bookkeeping and payroll to sales and marketing.

DELFIN SYSTEMS, Senior Software Engineer, 02/1999 - 10/1999 • Fairfax, Virginia

- Designed, developed, and localized interactive content management application for Travel Industry using Domino R5 and Global Workbench
- Saved client \$60K in annual developer-salary expenses by providing relevant and timely localized travel content without the need for ongoing development staff.
- Revitalized failing project with large corporate client to recover relationship and successfully complete project deliverables, resulting in high level of client satisfaction.

DELOITTE & TOUCHE LLP, Senior Software Developer, 10/1998 - 02/1999 • Hermitage, TN

- Led technical development of global R5 Notes client/server and web-based Electronic Project Management system.
- Gathered requirements from internal and external clients to architect, design, and develop solutions to complex business problems.
- Researched and proposed application architecture improvements by analyzing and correcting performance issues.
- Mentored developers in LotusScript and Web programming techniques.

EDUCATION

Bachelor of Arts in Music, Minor in Business Management

Marietta College, Marietta, Ohio

Masters level IT/IS degree program courses: GPA 4.0

- Object Oriented Programming with Java
- Software Engineering
- Leader Tech-Based Organizations
- Emerging Technologies
- Strategic Application of Technology
- Foundations of Strategy, Systems, and Technology

Coursework in Progress

- Android Developer Nanodegree
- Full Stack Web Developer Nanodegree
- Front End Web Developer Nanodegree

COMMUNITY SERVICE

Coach and Mentor, FIRST Lego League, 2012 - Present

- Started 5 teams and coached 3 in 3 years
- Influenced 50 kids for science and technology
- First place Innovative Solution award (Silicon Chips Team 6370, State of WV)