

CR Milburn

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Experience

Self-Employed

Louisville, KY

FREELANCE CONSULTANT

Jun 2017 – Present

- Leading web marketing campaign and managing online sales for local, small-business client. Scripting related admin tasks.
- Currently writing client proposal for new sales website. Developing supervised machine learning research project in Python3.

TEKsystems

Louisville, KY

UI DEVELOPER

Aug 2016 – Mar 2017

- Built and reported on fully-custom, multi-portal DNN 9 and Umbraco CMS prototype instances to replace legacy, internal portal.
- Co-founded new UI patterns catalog in Pattern Lab (i.e. Node.js, Mustache, Gulp and Sass) and delivered monthly team presentations.
- Created portal careers page ASHX handler, delivering XML over async JS and portal help page TOC with jQuery traversal mechanics.

Self-Employed

Louisville, KY

INDEPENDENT CONTRACTOR

Oct 2013 – Aug 2016

- LaMi Products: Built end-to-end inventory management system on a MEAN stack (i.e. MongoDB, Express.js, AngularJS and Node.js) to provide all field-servicing employees with mobile-web or offline-sync access to product search, stock and reorder functionality.
- Scotty's BBQ: Performed maintenance on legacy POS system and facilitated new Micros POS system acquisition.
- Designed, managed and supported customer-facing, sales websites for several small-business customers.

PriceWeber Marketing Communications

Louisville, KY

INTERACTIVE WEB DEVELOPER

Apr 2013 – Jul 2013

- Translated design mock-ups from PSD to HTML, CSS, JS and PHP for deployment across IIS, SharePoint, WordPress or Joomla.
- Wrote C# ASP.NET web application to serve customer performance and security scans from Outlook with adaptable tree-traversal and on-demand batch compression. Designed underlying SQL tables and queries for managing folder level account permissions.
- Developed code consumptive of external service APIs (e.g. store locator with Google Maps and Analytics, form validators, and mailers).

Gordon-Darby Inc.

Louisville, KY

SOFTWARE DEVELOPER

Aug 2011 – Nov 2012

- Responsible for delivering bug fixes, feature additions, security updates and tests for C# and Delphi production applications.
- Reduced monthly interchange rate calculation time 97% (- 2.9 hrs) by retooling with C# and SQL optimization on +50k transactions.
- Led extensive data analysis project to reformulate vehicle ID patterns in VIN decode Oracle DB for two state contract programs.
- Coded multi-threaded, multi-client, server stress test in Java and summarized technical results for state contract proposal inclusion.
- Prototyped Java Android application to read vehicle computer information from various Bluetooth OBD adapters in real time.
- Built new corporate website with REST, AJAX and jQuery. Upgraded legacy, nightly FTP backup processes to SFTP and XML in Delphi.

Brown-Forman Corp.

Louisville, KY

NETWORK MANAGEMENT TEAM INTERN

Jan 2006 – Apr 2008

- Responsible for network-related help desk ticket response across campus data center and remote site infrastructure.
- Scripted common Active Directory, WebEx and authentication operations. Composed multi-site infrastructure drawings with Visio.
- Overhauled network management team's internal knowledge-base and coordinated migration from Lotus Notes to SharePoint.

Education

J.B. Speed School of Engineering, University of Louisville

Louisville, KY

BS IN COMPUTER ENGINEERING COMPUTER SCIENCE

May 2010

GPA: 3.2, Dean's List 2 semesters

J.B. Speed School of Engineering, University of Louisville

Louisville, KY

MENG IN COMPUTER ENGINEERING COMPUTER SCIENCE

In Progress

GPA: 3.6, All credits completed

Skills

.NET: C# .NET, ASP .NET MVC, WPF

JS: AngularJS, Express.js, Node.js, jQuery

DB: MySQL, SQL Server, Oracle, MongoDB, Access

Misc: Python, CSS3, HTML5, PHP7, Git, Bash