

# Dan M Conrad

## Full Stack Engineer

✉ [dan.m.conrad@gmail.com](mailto:dan.m.conrad@gmail.com)

in [linkedin.com/in/danmconrad](https://www.linkedin.com/in/danmconrad)

🐱 [github.com/danmconrad](https://github.com/danmconrad)

### PROFILE

Lifelong technology enthusiast, software fanatic, and overall computer dork.

Strong technical leader with a focus on lean and agile approaches to solving today's product challenges in web development. Innate ability to quickly identify underlying business requirements and build efficient, scalable, and secure web architectures.

Extremely vigilant eye for design implementation and adherence to web best-practices, accompanied by ability to construct standards to be used by other developers.

### TECH

JavaScript ES5/6 CoffeeScript Node.js Express.js  
React Relay Flux Redux Ember.js Ember Data  
Backbone.js jQuery jQuery UI d3 Google Charts  
HTML5 Mustache Handlebars.js CSS3  
CSS Preprocessors OAuth Git PHP MySQL  
Apache Bash / \*Nix Scripting TFS .NET C# 3.5-4.5  
T-SQL ASP.NET MVC Adobe CS 3+

### EXPERIENCE

#### Senior Software Engineer (SDE III) - Full Stack / Front End

Groupon Inc. Apr 2014 - Present

[Groupon.com](https://www.groupon.com) *Node.js, Backbone.js, CoffeeScript, HTML5, CSS3, Splunk*

As tech lead on the most visible portions of Groupon.com, contributed, maintained, and supported multiple applications and services within the global architecture. Progressively restructured and upgraded legacy applications and shared modules.

#### Product

Along with extracting product requirements through the use of User Story Mapping and other Agile/Lean methodologies, conducted dozens of multivariate tests to determine the efficacy of those features.

#### App/Dev Opps

Drove the overall decrease in latency of multiple applications by overhauling monitoring and app ops strategies. Wrote several modules to streamline the CI/dev process, thereby increasing the team's velocity by more than 100% over the course of 3 months.

#### Leadership

Along with leading a team of distributed and local developers, formally mentored several developers and interns. Performed dozens of technical interviews to continually grow the Groupon dev community. Implemented several procedural strategies, such as paired programming and true test-driven development to ensure knowledge share within the team.

*Swag Award Winner, Q1 2016* - An award given to the most dedicated, effective, and influential product developer.

#### Senior Front-End Developer

Kaplan Higher Education Dec 2012 - Apr 2014

[Qualified](#) *Node.js, Ember.js, HTML5, CSS3, MySQL*

Architected and built out a robust one-page app for the front-end portion of the larger n-tier platform. The application used many third-party technologies to quickly bootstrap the desired functionality; several were incrementally replaced with custom code. All CRUD functionality was proxied back to a separate API using Ember Data.

Worked heavily with DB stored procedures and data model structure for new feature development. Began conversion of the middle tier to Node.js from Symfony (PHP). Set up OAuth 2.0 as well as a model interaction layer for communication to the database.

#### Other Achievements and Duties

Performed standard Scrum Master duties, including ameliorating impediments, scheduling and running meetings, and communicating to product owners.

Defined and documented a regimented code branching process based on the Gitflow Workflow. Implemented a continual integration method of building the frontend codebase.

Created and managed development environments using Vagrant and VirtualBox to allow multi-platform support (Window, Mac, & Linux).

### Intermediate Software Developer

AlphaMetrix LLC Dec 2009 - Dec 2012

Involved in all aspects of the enterprise-level software development process, including business requirement consultation, development, delegation of work, mentoring of junior developers, application deployment automation, quality assurance & user acceptance, support, documentation, and bug tackling.

#### "Alpha" Client Framework JS, C#

Architected a replacement JavaScript framework based on the Module pattern and JavaScript inheritance (similar to but easier to maintain than Backbone) to mirror server control schema to allow for complete user interaction on client side.

Designed an intricate "Event" processor to allow for tighter server and client communication through AJAX and Comet. Taught out-of-state junior developers how to implement the framework as well as how to extend it.

#### AlphaMetrix Global Marketplace ASP.NET, C#, T-SQL, JS, CSS3

Incorporated Project Platypus (see below), heavy content management and user authentication/permissioning. Real-time data queried through complex caching schemas. Created user defined functions and stored procedures to access real-time data for both financial information and social networking data. Familiar with entirety of nearly one million line codebase. Created automated build scripts with MSBuild for minification of CSS and JavaScript.

#### Project Platypus ASP.NET, C#, T-SQL, JS, CSS3

Made custom Web Controls that wrapped Telerik RadControls as well as strictly defined Mustache based HTML controls, designed around the Abstract Factory pattern. Helped create server side logic of this presentation platform for use in multiple web applications. Solely wrote complex CSS for over 40 Web Controls. Co-wrote complex JavaScript for all controls, including, but not limited to property assignment, input validation, and AJAX reloading of server controls.

#### Intranet WordPress, Window Active Directory, JS, CSS

Created an internal website for interdepartmental communication and storage of information and documents. "Dashboard" contained important stats and figures for C-level staff. Created automated utilities for generation of business documents using CMS templates.

#### AlphaMetrix.com WordPress, Microsoft CRM, T-SQL

Originally hired as a WordPress developer, working in Linux. Migrated legacy Red Hat systems to Debian. Made 6+ major iterations of the corporate site, complete with content management. Created an integrated login process between WordPress and Microsoft Dynamics CRM 4. Made jQPlot based graphs, an open-source JavaScript charting package, with on-demand data from web services that connected to T-SQL Stored Procedures.

### CTO, Co-Founder

Pander Commander LLC Apr 2012 - Mar 2013

Partynaut *PHP, HTML 5, JS, CSS3*

Complete Data Model design, server framework design as well as client framework design. Established connections to Facebook Graph API and Google Maps API for use in core business. Full development environment setup including the installation and configuration of GIT for versioning control, respective IDE's for technology chosen for each developer (Mac or PC). Created an N-tier architecture using the MVC design paradigm to segregate data, business logic, and presentation. Using sprites for CSS image background management, jQuery UI for client controls, and Mustache (with Handlebars extension) for page templating.

### **Partner, Project Manager**

Snowpiper Solutions LLP Jul 2007 – Jun 2011

20+ Websites *JS, XHTML/HTML 4.1, CSS3, WordPress, PHP, ActionScript, Flash*

Used open-source technologies to implement elegant websites. Solutions were documented, both CSS and XHTML validated, and often incorporated CMS solutions appropriate for the task at hand.

Established a financial base to allow growth. Formed a standard operating model to unify procedures, increase efficiency and reduce risk of delays in client deliverables. Hired subcontractors in response to increased demand of company's services. Created service proposals and service agreements to secure clientele.

### **Accounting / Tax Intern**

Lopez & Company Feb 2009 – Dec 2009

Assisted in restructuring of operations for clientele. Processed and analyzed monthly financial statements and translated figures into clients' ledgers. Filed Business and Personal tax returns and extensions.

### **Business Technology Professional**

Best Buy Inc. Dec 2005 – Jul 2007

Employee of the Month & 'MVP'. Top ranked attendee of the 'High Potential Class'. Built long-standing business relationships resulting in improved store rank. Doubled weekly new-business-customer count by participation in community networking events via Lincoln Park Chamber of Commerce. Prepared estimates and business proposals for prospective clients. Constructed bottom-line solutions through hourly analysis of profit and loss reports.

### **Network Administrator**

Kubasiak, Fylstra, Reizen & Rotunno, P.C. Nov 2004 – Aug 2005

Created proposals for new technology to increase office efficiency. Solely supported a 45+ user MS Exchange Network. Serviced several office electronics such as fax and copy machines.

## **EDUCATION**

### **The Internet**

Giving credit where credit is due. Circa 1997 – Present

### **University of Illinois at Chicago**

College of Business Administration Aug 2005 – Jun 2010