# George M. Jempty

3640 Old Denton Road #2202                                    682-333-2200

Carrollton, TX   75007                                    jemptymethod@gmail.com

## Professional Summary:

Software engineer since 1998, web developer (HTML, CSS, Javascript) since 1999. Full-stack developer 1999-2008 with back-ends consisting of Java, PHP, SQL etc. Focusing on Front-end development since 2009 with intermittent full-stack work, Javascript being the primary language during this time. Conversant to fluent with numerous Javascript/Front-end application frameworks, scripting languages, database systems, regular expressions, and on the command line, possessing considerable analytic, speaking and writing skills, and having a proven track record of immediate productivity.

**Brillio                       (Front-end)              Austin, TX                       Mar 2019-June 2019**
- Javascript, Vue.js, Element-UI, HTML, CSS for the development of a UI for management of virtual networking devices
- Augmented routes data structure from which menu was generated for sub-menus in Element-UI
- Determined certain similar components in Vue.js "mounted" hook

**Infosys                                                 Plano, TX                        Nov 2018 – Feb 2019**
- On the bench the entire time

**USAA                        (Front-end)          Plano, TX                        Aug 2018-Oct 2018**
- ReactJS, Javascript, HTML, CSS, FlexBox, Mocha, Enzyme, Git, Agile
- Work on revision of consumer-facing UI for banking application

**Motion Industries          (Back-end)          Birmingham, AL (remotely)      Apr 2018-July 2018**
- Using Java, SQL, DB2, JSON to develop restful services for consumption by the front-end
- Version control with SVN integrated with Eclipse, recovered deleted files, etc.
- Previously worked two on-site contract assignments as a Full-stack developer including the above technologies as well as the front-end; see below under "ExtJS

## Front-end/Frameworks

### *Vue.js (including presently at Brillio, see above)*

**Harland Clarke           (Front-end)          San Antonio, TX              Aug 2017-Apr 2018**
- HTML, CSS, Javascript, Vue.js, Git
- Development of front-end application for configuring and purchasing checks and associated accessories (e.g. deposit tickets)
- Work closely with lead/manager and perform some of his duties in his absence such as approving git pull requests, push builds using Jenkins, etc.
- Gaining expertise in Git including devising a script relying on rebase when working in a feature branch, and recovering and applying "lost" commits using cherry-pick
- Demonstrated business acumen by identifying a gap in the requirements where potential up-selling was not occurring unlike other similar flows through the application

### *Angular 2*

**Aeroxchange               (Full-stack)          Farmers Branch, TX          Feb 2017**
- HTML, CSS, Javascript, Angular 2, Java, JSP tags, jQuery
- Maintenance of legacy JSP application including using jQuery to replace existing JSP-tag based tabbed menu, with CSS
- Prototyped the incorporating of custom error handling and internationalization (using ngx-translate library) into new development with Angular 2

**Citi                            (Front-end)          Irving, TX                      Oct 2016-Dec 2016**
- HTML, CSS, Javascript, Angular 2
- Researched the incorporating of custom error handling into new development with Angular 2

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## *Angular 1*

**ACH PROCESSING     (Front-end)          Plano, TX              May 2016-Aug 2016**
- Javascript, AngularJS 1.x, Formly, HTML5, CSS3
- Contributed to development of payment calendar module on first day, also developed form validation module

**AT&T  (Front-end)                    Plano, TX              Jan 2016-Apr 2016**
- Despite no prior AngularJS 1.x experience, was writing custom directives within first week or two.
- Continued to write directives and services in an effort to better organize the code base, all the while continuing to add more features per user specifications
- Additional technologies include HTML, CSS, Ajax, Promises, LESS, Bootstrap, etc.

## *jQuery* *(also utilized in other positions, e.g. BNSF and itaas)*

**Resource One   (Full-stack)                Richardson, TX          June 2015-Dec 2015**
- Developed UI for rendering custom FusionCharts, first using Java to display the chart, and then a combination of *Java, JSP, CSS, Javascript, JSON and JQuery* to create a UI for configuration.  Avoided the need for hard coding the handling of about 100 form fields, by naming them with a dash delimiter conforming with their path within a JSON object, so that all of them could be rendered from JSON and saved back to JSON with just a couple of functions of about a dozen lines each.  Overcame a server side issue with not being able to pass session data to a secondary HTTP call by serializing the data as JSON and passing it that way

## *Backbone*

**Bell Helicopter  (Front-end)              Hurst, TX              Jan 2015-May 2015**
- UI development with Backbone, Underscore, Bootstrap, jQuery and d3

**BNSF   (Full-stack)                    Fort Worth, TX          June 2013-March 2014**
- Self-identified first project: using node.js for auto-generating code converting about 80 files to conform to require.js's interface, ensuring they passed the original unit tests while also writing some additional tests
- Using another existing application as an example, applied the Google Maps  API and the Backbone and Bootstrap frameworks to finish yet another application well under budget
- Other Javascript/Backbone/jQuery and Java coding (using the Play Framework) to write other applications, as well as applying knowledge of the SQL "coalesce" keyword; see:
  http://stackoverflow.com/q/22175153/34806

## *ExtJS*

**Motion Industries (Full-stack)          Birmingham, AL  Oct 2011-Feb 2012 & Nov 2014-Jan 2015**
- Along with another contractor, architected and developed significant portion of initial rollout of an ExtJS-3 application replacing internal "green screen" application
- Identified previous unsuccessful attempts in existing source code to use a publish/subscribe methodology, thereby justifying its usage once again
- Success with the publish/subscribe paradigm made it so that changes that had previously taken up to a week were able to be accomplished in half a day, due to the decoupling of components that had been achieved
- Coding in Java as necessary, e.g. controller methods accessed by front end Ajax calls
- In the more recent assignment more or less cleared the backlog of outstanding UI issues

**Buxton (Full-stack)                    Fort Worth, TX          March 2014 -Oct 2014**
- Front-end/Full-stack developer of internal tools using Javascript, ExtJS4, Oracle, SQL, SASS and, with almost no prior experience, C#/.NET, both for generating and consuming Restful web services
- Among the various applications developed and supported was one for managing users (create/read/update/delete) of the company's flagship software product

**The OCC (Full-stack)                    Keller, TX              July 2012 - April 2013**
- Front-end/Full-stack developer of internal tools using Javascript, ExtJS3, JSON, Ajax, Java, Spring, DB2, SQL, etc

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## *ExtJS continued*

**Dexygen (Independent consulting, Front-end and/or Full-stack)          Dec 2009 – June 2012**

- *Dynamite Data, Reno, NV (remote) ,          Feb 2012-Jul 2012,* **ExtJS4**
  Converting existing YUI application to ExtJS using ExtJS new MVC features and charts
- *Intellisurvey, Ladera Ranch, CA (remote) ,          Dec 2011-Jan 2012,* **ExtJS4**
  Converting existing ExtJS3 application to new version
- *True North Solutions, Orlando, FL (on-site),          Aug-Oct 2011,* **ExtJS4, Ruby/Rails**
  Customizing "CompassAE" (https://github.com/portablemind/compass_agile_enterprise) ERP platform for both client and internal use;
- *Iron Mountain, Boston, MA, (on-site)          Dec. 2010-Jan 2011,* **ExtJS3, Java, Spring**
  Initialized analysis and groundwork for new software version by developing  numerous custom ExtJS "xtypes", and wrapping output from Spring security tags into custom Javascript config object
- *Rotech Health Care, Winter Park, FL, (on-site)          Apr.-Aug. 2010 ,* **ExtJS3, Java, Spring**
  Applying frontend (ExtJS) and middle tier (Spring/WebMVC/Java "controllers") expertise to assist in the role out of corporate software for managing patients, orders (of DME: durable medical equipment), facilities and insurance.
- *Bidiom, Canton, GA,          Dec 2009-Jan 2010,* **ExtJS3***, Javascript*
  Coding of front end of improved interface to eBay using their API, as well as providing ways to navigate result set both through hot keys and an HTML "command line"


**Vocalocity (Full-stack)          Atlanta, GA          Jan 2011 – Aug 2011**
In course of normal duties devised "Transactional Ajax" with Javascript and the "Command" design pattern
**Technologies:** Java, Javascript, JSP, ExtJS, JSON


**Kenco Group (Full-stack)          Chattanooga, TN          May 2009 –  Sept 2009**
Applying front, middle and back-end expertise to assist in the role-out and enhancement of corporate/ departmental software for managing tractor/trailer yards
**Technologies:** Java, JSP, JDBC, Javascript, Ajax, ExtJS2, Struts, Hibernate, MySQL


**Chick-Fil-A (Front-end)          Atlanta, GA          Jan 2009 - Mar 2009**
Dramatically improved prototype of web based labor scheduling application such that when demonstrated to unit operators at annual seminar an unprecedented number signed up for the pilot
**Technologies:** Java, Javascript, JSP, ExtJS2, JSON


## Various Full-stack Web developer positions          1999 – 2008

- Including using my own PHP micro-framework (see: http://dexygen.com/cgi-bin/jrmvc-repo/index.cgi/artifact/320ebc990ad3126a) at *Itaas, Johns Creek, GA, Nov 2007-Oct 2008*
- Another framework dating to 2010, a rough protoype of Adobe AIR (at the time, before Electron and nw.js), allowing the development of desktop applications using web technologies: https://code.google.com/archive/p/deskml/


**EDUCATION: Metropolitan Community College, Omaha, NE, 1997-99, Web Support Specialist**

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