**Jonathan Baker**

Senior Developer

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github: https://github.com/jbakerdev

http://jbakerdev.github.io/

Jonathan is a software developer with 7 years of experience in the JS/HTML5 & .Net stacks. After years experiencing how the big guys operate, he recently brought his knowledge to the development of an advanced data visualization product for a small startup. He has developed UI/UX for Geospatial ISR (Intelligence/Surveillance/Reconnaissance) tools for some of the most complex systems in existence: NASA’s mission control center, the Army’s Future Combat System, and the FAA’s Air Traffic Control systems. He holds a BS in Computer Science.

**Experience**

DataSquid (ReactJS+Redux+Electron.IO) Startup

*Principal Software Engineer* 2016 – Present

* Architect and developer of unique data visualization product. Play with your dataset in a tactile way. Find new insights by creating shareable presentations of you exploring your data. Compatible with any csv file.
* Directed product feature planning and roadmaps
* Used Electron.IO to build desktop version of web application

Rally Software (ReactJS front-end / Java Spring services / Oracle backend) Boulder, CO

*Senior Software Developer* 2014 – 2015

• Helped Transition ExtJS components of SaaS product to ReactJS

• Created HTML5 based data visualization tool based on the PivotViewer platform

Digital Results Group (ReactJs Front end / C# WCF services / MSSQL & NOSQL Backend) Boston, MA

*Senior Software Developer: Active DoD Clearance: TS* 2012- 2014

• Created html5/js network topography management and visualization tool for DoD projects

• Developed html5/js based mobile platform for real-time ISR for Navy NAVAIR, Army PTDS

• Optimized back-end distributed network data propagation algorithms for a 10x speed increase

• Trained/mentored junior developers

• Designed architecture for large high performance single-page web app using ReactJS framework

• Performed vetting & performance testing of major MVC JS Frameworks: AngularJS, BasisJS, DurandalJS, EmberJS.

HNRG (C# ASP.NET with Js mix-in / C# Mid-tier/ MSSQL Backend) Boston, MA

*Software Developer*  2010 – 2012

• Developed Web UI Widgets for financial forecasting in ASP.NET/Javascript

• Created dynamic web-based SSRS report generator

SA Technologies (C# full stack ASP.NET & Silverlight) Carrollton, TX

*Software Developer* 2008- 2010

• Developed web based Situational Awareness evaluation tools for FLETC in WPF/Silverlight

• Developed SA tools for NASA JPL User Interfaces

**Education**

University of Dallas Irving, TX

*Bachelor of Science* in Computer Science 2005

**Skills**

Primary: Javascript (ES6), C#, Java, HTML5

Secondary: SVG, Lua, MVC Razor, XAML, C/C++, haXe

Frameworks & Libraries: ReactJS, Redux, Electron.IO, webpack/babel, isparta (code coverage), qunit, requirejs, immutablejs, phaser.io (canvas library), .Net 2.0 – 4.5, nodejs, MS MVC4, git, jenkins, jasmine

IDEs: WebStorm, IntelliJ, Eclipse, VS 2008-2015

Database: MySQL, MSSQL, LINQ, Entity Framework, MongoDB