**Jonathan Baker**

Senior Developer (9 Years)

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github: https://github.com/jbakerdev

http://jbakerdev.github.io/

Jonathan is a software developer with 9 years of experience in the JS/HTML5 & .Net stacks. 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. 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 holds a BS in Computer Science.

**Experience**

DataSquid (React+Redux+Electron.IO) Remote Startup

*Director of Product Development* 2016 – Present

* Built a canvas-based geospatial data visualization product from the ground up
* Directed product feature planning and roadmaps

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 – 2011

• 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

.NET Contractor (C# full stack ASP.NET) Dallas, TX

*Contract Developer at various companies* 2005-2008

**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