**Jonathan Baker**

Senior Developer (8 Years)

jbakerdev@gmail.com / 617-586-6591

github: https://github.com/jbakerdev

http://jbakerdev.github.io/

Jonathan is a software developer with 8 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. He holds a BS in Computer Science.

**Experience**

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

*Senior Software Developer* 2014 – Present

• 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 May 2005

**Skills**

Primary: C#, Javascript, Java, HTML5

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

Frameworks & Libraries: ReactJS, RactiveJS, jquery/ui/mobile, requirejs, immutablejs, phaserjs, .Net 2.0 – 4.5, melonjs, nodejs, MS MVC3-4, ADO.NET Entity Framework, git, jenkins, jasmine

IDEs: Eclipse, VS 2008-2013, WebStorm, IntelliJ

ASP.NET, WCF, WPF, Silverlight

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