Brett Johnson
Chief Software Architect

Chief Software Architect – Over 17 years architecting and developing software applications for the Intelligence Community, DOD, and Commercial Sectors

Skills Summary

◆ HTML5	◆ ASP.NET	◆ SharePoint
◆ Ajax	◆ C#	◆ Windows Server/IIS
◆ Telerik	◆ VB.NET	◆ Agile/SCRUM
◆ Atalasoft	◆ SQL Server	◆ Axosoft OnTime
◆ jQuery	◆ Ozone Widgets	◆ SQL Server Reporting
◆ MVC	◆ Java	◆ Crystal Reports

Previous Roles
Principal Software Developer for the Obama Campaign
Lead Software Developer, Restaurant Big Data Initiative
Lead Software Developer, Investment Banking Industry

Intelligence Community Experience - System Architecture, Development, Security, Applications, Ozone Widget Framework

- Began work within the intelligence community in 2011 serving the DNI, NRO, NGA, and NSA
- **Chief Architect and Lead Software Developer for the NRO**
- Oversaw the redesign, re-architecture, and transition of the app from the legacy ColdFusion/Oracle platform to a modern ASP.NET 4.0/SQL Server platform
- PKI enabled the app, becoming one of the first applications to meet the Presidential IC PKI enablement directive
- Led a lean, 3 person team to completely redevelop the app in 2 years, implementing innovative new features such as a subscription based model, drag and drop
- Leveraged Microsoft and 3rd party toolkits including Entity Framework and Telerik to provide increased functionality with minimum development
- Developed Ozone Widget Framework widgets registered in ER2
- Performed requirements translation into agile features and stories and prioritization of iterations implemented through Axosoft OnTime
- **Lead Developer for an offline, cached, mobile HTML5 mapping application for the NSA**
- HTML5, cross platform mobile application prototype allowing annotations on a shared map
- Freehand drawing on the shared map using HTML5 canvas
- Vision to deployment in 3 months
- REST/Ajax based data synchronization services
- Lightweight client/server messaging (small text packages)

Innovative Developer – improves ROI through the use of technology by implementing properly architected and maintainable applications

- Implemented donation processing solutions for the Obama campaign and other Democratic presidential campaigns allowing enhanced throughput and improved compliance
- Lead developer on a restaurant big data platform, the first of its kind, to aggregate on premise food and drink consumption data, with databases scaling to billions of records

Critical Thinker & Problem Solver – able to leverage technology for business development and strategic alliances

- Managed technical teams to define requirements; normalize data architectures; structure logic for improved maintenance cycles; and ensure product was delivered to clients as expected utilizing the FULCRUM Scrum process.
- Maintained 100% uptime for enterprise level web application utilizing skills for backup, performance, redundancy, and process level improvements

Education and Certifications
Bachelor of Arts – University of Virginia

Career History
IC Contractor (NRO/NGA/NSA/DNI)
Chief Software Architect   2011 - Pres

Falcon Logic   2009 - Pres
VP, Software Development

GuestMetrics   2006
Lead Software Developer (Restaurant BigData)

Synetech   1999-2009
Principal, Software Development (Presidential Campaigns)

Clearances
Top Secret / SCI Clearance with CI polygraph NRO 2012
Top Secret DoD 2011