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**SUMMARY**  
  
I have over 20 years of experience with web based applications as an architect, lead developer and creative problem solver. I have worked in a number of industries including Banking/Finance, Government, Military, Aerospace, Corporate Security and Electronic Commerce.

I am skilled in a broad range of technologies, and have worked throughout the entire chain of web based application development from rich Html5/Ajax front ends, backend communications and database development. I have expert knowlege in JavaScript as well as high level proficiency in developing systems with Node.js as well as C#. I’ve spent personal time learning both Rust and Go, which I would enjoy expanding my knowledge in the workplace.  
  
  
**HIGHLIGHTS**

**Software Architect**

Modern cloud stacks (Docker, Azure, AWS) to create a fault tolerant service architecture and CI/CD process (git, Azure DevOps).

Sharable Content Object Reference Model (SCORM) and Airline Industry CBT Committee (AICC) Learning Management System.

Kiosk interface to manage a municipal water station, with a replicated database using openSUSE, mono and FirebirdSQL.

Authentication management application utilizing a localized, encrypted key/value store, designed for single-sign-on (SSO) and two factor authentication (2FA) integrations for applications with backing services using signed JWT tokens.

**Senior Developer**

Designed and developed a front end for a petition verification portal application. Using React, Redux and Material-UI with scaling application to view scanned images with SVG overlays for work processing.

Access Request Tool that consisted of three application interfaces, as well as a WCF service broker to catalog, manage, record and control access management provisioning for a major banking institution. The front ends consisted of one application utilizing ExtJS with a WCF backing service for the interactions. The other two UI applications were created with a combination of jQueryUI and MS Ajax Toolkit controls with ASMX backing services.

ASP.Net based CMS that utilized several custom web controls in order to provide a rich user interface.

AICC course interface that used a VB6 application, as well as a VB6 based ActiveX (COM) object in Internet Explorer, to act as a launch interface for Macromedia Authorware content.

**WORK HISTORY**

**Senior Software Developer,** Runbeck Election Services, 6/2018 – Current  
Full stack software development for election services software including Vocem (petition validation) and Ingressum (access management system). Architected front end for Vocem as well as the authentication process using JWT.

Tech: UI (React,Redux,Material-UI), API (Node, C#), Other (Docker, MS-SQL Server, RabbitMQ)

**Senior Software Developer**, Berkadia, 10/2017 – 5/2018  
Full stack development ranging from an InDesign CEP extension with React, InDesign Server ExtendScript, Angular UI, Node/Koa backend. Designed custom build system to utilize modern language features in limited ES3 environment for InDesign Server.

Tech: UI (Angular, Redux, Bootstrap), API (Node, Koa), InDesign Server (Adobe ExtendScript / ES3), Other (Webpack, Babel)

**Senior Software Developer**, EmailAge, 1/2017 - 8/2017

UI/UX development and prototyping next generation development. Supporting existing .Net Applications. Designing and development of data processing pipelines

Tech: UI (React, Redux, Material-UI), API (Node, Express), Legacy (C#, ASP.Net, MS-SQL, Bootstrap), Other (Cassandra, AWS, Docker)

**Senior Architect**, BrookSource (BCBS Florida), 11/2016 – 12/2016

Eesigning a set of UI projects and related back-ends centered around Node and React. The scope of the project was reduced and my team was cut less than 4 weeks into the project.

**Senior Developer**, Intraedge (American Express), 9/2015 – 10/2016

UI/UX development and prototyping next generation development

Mentored other developers on more modern JS architecture and development methodology. EWT ERA an email campain management system. CPI a customer acquisition portal. And ARMS an acquisition rule management system.

Tech: EWT ERA (Angular, jQuery, Bootstrap, Node, Mongo), CPI4-Future (React, Redux), CPI3 (Angular, Bootstrap), ARMS (Angular 2+, Bootstrap, Redux)

**Senior Developer**, Inxsol, 5/2015 – 8/2015

Mentor other developers and refactor/polish applications for delivery. Command Plan is a first responder training application.

Tech: Front End (Flash/Flex, ActionScript), Web (JS, Browserify, Babel), Backend (C#, ASP.Net MVC), Other (Node)

**Software Architect**, Collector Car Network (ClassicCars.com) 7/2014 - 5/2015

Design, collaborate and develop public and internally facing applications. Mentor and train other developers. Maintain and enhance existing website and infrastructure. Design and develop next generation site, infrastructure and tooling.

Tech: Legacy UI (ASP.Net Webforms, ASP.Net MVC, C#, jQuery, jQuery UI), Legacy Backend (C#, SQL Server, MognoDB, RabbitMQ), Future (React, Flux, Material Design), Future Backend (Node, Koa, MongoDB, RabbitMQ, ElasticSearch), Other (Azure)

**Software Developer III**, GoDaddy, 8/2013 – 7/204

Worked on the WebsiteBuilder product and technology stack. Migration from ASP.Net MVC with MS-SQL Server to Node backend with Cassandra and Redis. Front end development. Introduced CI/CD process to the platform. CI/CD to production.

Tech: UI (Custom, AMD), Legacy (C#, ASP.Net MVC, MS-SQL Server), New (Node, Express, Cassandra, Redis).

**Senior Developer**, US Airways (VOLT) 5/2013 – 8/2013

Enhanced Backend system API interfaces for internal operations. Unified backend systems to support both WS\* and JSON bindings. Simplify access via generated client and server systems.

Tech: API (C#, ASP.Net MVC, WCF, Oracle)

**Senior Developer & Architect,** Collector Car Network (ClassicCars.com) 11/2011 – 5/2013

Design, build and develop internal and external facing applications.

Tech: ClassicCars.com (jQuery, jQueryUI, ASP.Net WebForms), Backend (MVC, Entity Framework, MS-SQL, RabbitMQ, MongoDB), Other (SendGrid, SMTP), Photo Gallary (SPA, Backbone)

**Director of Software Development**, Inxsol, 2/2011 – 11/2011

Manage and direct development efforts on various projects within the organization. Orchestrated the development Command Plan incident command training.

Tech: UI (Flex, ActionScript), API (VisualBasic.Net, MS-SQL), Other (Java, WCF, Speech Recognition)

**Senior UX Developer**, COMSYS (Experis) (US Airways), 7/2010 – 2/2011

Develop, design and enhance web checkin application suite and process. Used cutting edge techniques for a modern HTML5 application supporting IE6+ and other modern browsers.

Tech: UI (CSS3PIE, jQuery, Razor, Custom JS Build), Web (ASP.Net WebForms, ASP.Net MVC, C#)

**Senior Developer,** COMSYS (Wells Fargo), 6/2009 – 6/2010

Develop and enhance web based applications. Design, develop and enhance T-SQL stored procedures within MS-SQL 2005/2008 data stores. Access Request Tool (ART) development for internal security processes including access requests, process management and documentation as well as orchestrating system analysts for resource allocation.

Tech: ART Workflow (ExtJS, C#, ASP.Net), ART Request and Approval (jQuery, jQuery UI, Ajax)

(Additional work history truncated)

**SKILLS**  
  
The following is a list of skills and technologies I have worked with, and am familiar with.  
  
Node.js (since 0.4), Express, Koa, Angular (1 and 2-6), React, Redux, Flux, Adobe ExtendScript, Adobe Common Extensibility Platform (CEP), MongoDB, Cassandra, ElasticSearch, Windows, Linux, BSD, Mac OS X, Microsoft SQL Server (MS-SQL, T-SQL, Versions 6-2008), Oracle, FirebirdSQL, PostgreSQL, MySQL, Stored Procedures, Triggers, NginX, Classic ASP, ASP.Net, ASP.Net MVC, HTML5, CSS3, jQuery, ExtJS, JavaScript, JSON, WCF, Web Services, C#, VisualBasic.Net