

# C. Jason Wilson

Full Stack Web Developer

## Profile

Experienced in all stages of advanced web development. Knowledgeable in user interface design, testing, and debugging processes. Bringing forth expertise in design, installation, testing and maintenance of web systems. Equipped with a diverse and promising skill-set. Proficient in an assortment of technologies, including React.js, Vue.js, jQuery, Node.js, Adobe ColdFusion, IIS, Tomcat, and various databases including Microsoft SQL Server, MySQL, Oracle, PostgreSQL, Azure MariaDB and NoSQL.

## Employment History

### Senior Software Engineer

August 2024 — August 2025

Georgia MLS

Remote

- Developed an end-to-end real estate analytics platform leveraging vanilla JavaScript, Google Maps API, and Bootstrap to visualize and analyze over 10,000 property sales.
- Implemented advanced mapping and data visualization features, including custom Font Awesome markers, intelligent clustering, agent performance metrics, and real-time filtering for actionable insights.
- Optimized performance and user experience through multi-level caching, debounced API calls, and efficient data structures—reducing server load by 70% and enabling sub-second response times with responsive, color-coded map—sidebar interactions.
- Delivered secure invoicing, credit card authentication, and bill payment solutions for over 3,000 offices, completing the migration to Sage Intacct payment processing ahead of schedule.
- Engineered and deployed automated invoice processing workflows using the Sage API, ensuring seamless data synchronization, improved transaction accuracy, and reduced manual intervention.
- Built Vue.js tools integrated with ColdFusion MVC (Framework One) to streamline API workflow development, cutting implementation time and increasing efficiency across projects.
- Created developer utilities such as an API Object Explorer, XML Request/Response Viewer, and dynamic code Builders—accelerating configuration, testing, and documentation through standardized processes.

#### Tech Stack

- Frontend Development: Bootstrap 5, Vue, jQuery, JavaScript
- Backend Development: ColdFusion 2023, MVC (Framework One)
- API & Data Integration: API Integrations, Sage Intacct, Google Maps, XML, JSON, Postman
- Databases: Microsoft SQL Server

### Senior Software Engineer

March 2022 — MARCH 2024

Old Republic Home Protection

Remote

- Configured and migrated legacy codebases to Microsoft Azure cloud environment, ensuring minimal downtime and optimal performance.
- Integrated Okta Single Sign-On (SSO) with Multi-Factor Authentication (MFA) into multiple company intranet sites, strengthening security and streamlining user access management.

## Details

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## Links

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[www.linkedin.com/in/wilsonstudioweb](http://www.linkedin.com/in/wilsonstudioweb)

## Skills & Expertise

Front and Back-end Web Site Development

Video Editing & Streaming

Graphics Editing & Design

## Programming Languages

Vue

React

Node

Python

jQuery

Vanilla JavaScript

AJAX

Adobe ColdFusion

Java in CFScript

Fusebox

PHP

Active Server Pages (ASP)

Webpack

XML

JSON

Consuming APIs

Postman

## Front End

Mobile Responsive Design

User Interface Design

CSS Style Sheets

HyperText Markup Language (HTML, HTML5)

Bootstrap

FontAwesome

User Experience Design

## Database Systems

Microsoft SQL Server

Oracle

PostgreSQL

MySQL

Microsoft Access

SQL

- Enhanced user experience by integrating modern Vue.js and React.js features, resulting in faster, more intuitive interfaces.
- Collaborated cross-functionally to plan and execute legacy system migrations, aligning business needs with technical solutions.
- Leveraged AI tools to accelerate coding, documentation, and code analysis, improving development efficiency.
- Maintained legacy ColdFusion codebase, Administration of Security Patches, Administered Server Migration to CF 2023, resolved backlog issues, while simultaneously implementing new features.

#### Tech Stack

- Frontend Development: Vue.js, React.js, webpack.js, jQuery, Bootstrap
- Backend Development: Node.js, ColdFusion
- API & Data Integration: Okta Authentication API, Postman, XML, JSON
- Databases: MS SQL Server

### Software Developer

January 2021 – January 2022

iNetUSA

*Remote*

- Designed and implemented an advanced OpenMaps interface for probate properties, streamlining geographic searches and improving property targeting accuracy.
- Automated address batch processing and geocoding via the US Postal API, reducing manual entry and enhancing data precision.
- Created dynamic mapping features with clustered markers, delivering clearer visual data representation and faster query performance.
- Improved and maintained probate web applications with JavaScript, Vue, jQuery, ColdFusion, and MySQL, boosting stability and user satisfaction.

#### Tech Stack

- Frontend Development: JavaScript, Vue.js, jQuery, Bootstrap
- Backend Development: ColdFusion
- API & Data Integration: US Postal API, Google Maps API, Open Maps API, Leaflet, Postman, XML, JSON, GeoJSON
- Databases: MySQL Server

### Software Developer

September 2017 – October 2020

VegasInsider.com

*Ft. Lauderdale, FL - Hybrid*

- Led cross-functional collaboration with international teams, ensuring seamless project execution in a multinational environment.
- Delivered responsive, high-performance front-end designs integrated with optimized back-end functionality for web applications.
- Owned projects through the full SDLC, from initial design to production deployment, consistently meeting deadlines and quality benchmarks.
- Increased team proficiency by conducting targeted training sessions on advanced programming techniques.

#### Tech Stack

- Frontend Development: JavaScript, Bootstrap, jQuery
- Backend Development: CFML, ColdFusion 2016, Microsoft SQL Server, SQL Programming, IIS
- API & Data Integration: Google YouTube Data API, AJAX, JSON, XML
- Databases: Microsoft SQL Server

### Software Developer

March 2014 – April 2017

HotelPlanner.com

*West Palm Beach, FL*

- Developed responsive front-end interfaces that optimized user experience across devices, improving site engagement.

T-SQL

PL/SQL

MongoDB

Data Architecture

Stored Procedures

## Geomapping

Google Maps API

OpenMaps API

Geocoding

Marker Clustering

ArcView GIS

## Cloud Services

Microsoft Azure

Amazon Web Services (AWS)

## Operating Systems

Microsoft Windows (*All Versions*)

Remote Desktop Protocol (RDP)

Linux: Ubuntu Distro, Bash

Mac OS

VMWare

## Code Editors

Visual Studio Code

Adobe Dreamweaver

Sublime Text

Notepad++

WinMerge

## Graphics & Multimedia

Adobe Photoshop

Adobe Premiere

Adobe After Effects

Adobe Captivate

Adobe InDesign

Adobe Illustrator

Adobe PageMaker

Adobe Acrobat

Camtasia Studio

OBS Studio (Live Streaming)

Blender

3D Studio Max

Autodesk AutoCAD

## Version Control

- Integrated Google Maps API with geocoding, markers, and clustering to enhance location-based functionality and searches.
- Managed a media production studio for marketing content, producing photography, VR 360 Content, and videos that boosted brand visibility.
- Produced, edited, and published YouTube video content for 'HotelPlanner Today,' driving audience growth and engagement.
- Engineered interactive kiosks on Intel Compute Sticks using JavaScript, Node, and YouTube API to launch an internal HotelPlanner-branded streaming media network, increasing employee engagement and reinforcing brand presence.

#### Tech Stack

- Frontend Development: CFML, JavaScript, Bootstrap, jQuery, Three.js, XR360
- Backend Development: Node.js, ColdFusion 2016, SQL Programming, IIS
- API & Data Integration: Google Maps API, Google Places API, Google Custom Search API, YouTube Data API, Facebook Graph and OAUTH APIs, AJAX, JSON, GeoJSON, XML
- Databases: Microsoft SQL Server

### Software Developer III

August 2012 – April 2014

NASA, Kennedy Space Center

Merritt Island, FL

- Developed and deployed the Ground Hardware Management Tool (GHMT) and Heritage module, improving NASA's ground hardware data tracking and operational efficiency.
- Collaborated directly with stakeholders to define requirements for WatchList LX01 and LX02 applications, delivering on-time and within scope.
- Designed and implemented database structures in compliance with NASA Software Engineering Requirements (NPR 7150.2A), ensuring scalability and performance.
- Enhanced and sustained mission-critical web applications, incorporating user feedback to improve usability.
- Awarded the **2014 Best of KSC Software Award** for innovation and excellence in software development.

#### Tech Stack

- Frontend Development: Adobe Dreamweaver CS5, CSS3, HTML5, JavaScript, jQuery
- Backend Development: ColdFusion 9, CFML, SQL Programming
- API & Data Integration: OpenStreetMap API, XML, AJAX, JSON, GeoJSON
- Databases: Microsoft SQL Server

### Senior Web Developer

December 2011 – July 2012

Job.com

Fredericksburg, VA

- Enhanced the Job.com platform by integrating modern front-end technologies (JavaScript, jQuery, AJAX) with back-end ColdFusion and Microsoft SQL Server, improving user interaction, functionality, and overall site responsiveness.
- Integrated external web services to enable automated resume parsing, via Google Docs (pre-AI era), expanding platform capabilities and streamlining the user application process.
- Designed and implemented interactive UI features, resulting in a more intuitive job search experience.
- Streamlined asynchronous data updates via AJAX, reducing page load times and improving performance.

#### Tech Stack

- Frontend Development: Adobe Dreamweaver 8, HTML, JavaScript, jQuery
- Backend Development: ColdFusion 8 & 9, CFML, SQL Programming
- API & Data Integration: XML, JSON, RESTFUL web services, Google Docs API, Lucene SOLR Server
- Databases: Microsoft SQL Server

Git

SVN

Apache Subversion

Rational ClearCase

Microsoft SourceSafe

## Team Collaboration

Monday

Slack

JIRA

Microsoft Teams

## Applications

Microsoft Office 360

Norton Ghost

## Technical Skills

Creating Web Services

Consuming Web Services

E-Commerce

Server Administration

Live Streaming

YouTube API

Consulting

Agile Development

## Transferrable Skills

Curiosity Driven

Conceptual thinker

Ability to Learn Fast

Adaptability

Government Compliance Experience

Ability to Work in a Team

Dependable

Strong Work Ethic

Good Communication Skills

Good at Time Management

Problem solver

## Languages

English

## Senior Specialist Software Engineer

May 2011 – December 2011

## AT&T Government Solutions

Vienna, VA

- Designed, developed, and maintained web applications for the **U.S. Department of the Navy**, ensuring compliance with strict government standards.
- Delivered robust ColdFusion and JavaScript solutions backed by Oracle database, improving data reliability and accessibility.
- Ensured all deliverables met Department of Navy security and performance requirements, supporting critical operational needs.
- Successfully transitioned to a new opportunity following contract changes, avoiding layoffs and maintaining career momentum.

### Tech Stack

- Frontend Development: Adobe Dreamweaver 8, CSS, HTML, JavaScript, jQuery
- Backend Development: ColdFusion 8, Railo 3.3, CFML, PLSQL Programming
- API & Data Integration: Not specified, XML, JSON
- Databases: Oracle

## Lead Applications Developer

August 2009 – May 2011

## U.S. Department of State

Washington - District of Columbia

- Developed and enhanced internal applications for the Effective Terrorist Screening System, improving data tracking speed and reporting accuracy for the “National Security Watchlist” Database.
- Partnered with clients to gather, analyze, and define requirements for the WatchList LX01 and LX02 applications, then led their development to deliver secure, user-focused interfaces fully aligned with stakeholder objectives.
- Administered multi-tier ColdFusion Server environments, ensuring stability and performance across development, testing, and production.
- Maintained Top Secret (TS/SCI) clearance and completed training on derivative classification of national security information, ensuring all classified data was handled in strict compliance with security protocols.

### Tech Stack

- Frontend Development: Adobe Dreamweaver 8, CSS, HTML, JavaScript, jQuery,
- Backend Development: Adobe ColdFusion 9, CFML, SQL programming, Restful Web Services
- API & Data Integration: XML, JSON
- Databases: MS SQL Server 2005

## ColdFusion Developer

November 2008 – April 2009

## Eli Lilly

Indianapolis, IN

- Developed and maintained intranet and internet web applications using CFML, SQL, HTML, CSS, JavaScript, and jQuery.
- Resolved migration issues during platform transition from Linux to Windows hosting and ColdFusion MX to ColdFusion 8.
- Created custom graphics and UI enhancements to improve user engagement and brand consistency.
- Partnered with content teams to ensure timely delivery of project milestones.
- Position was a short-term contract through Volt Services Group.

### Tech Stack

- Frontend Development: Adobe Dreamweaver CS3, CSS, HTML, JavaScript, jQuery
- Backend Development: Adobe ColdFusion 8, CFML, SQL programming
- Databases: Oracle 10g

## Web Developer

August 2007 – November 2008

## Federal Reserve Board of Governors

Washington - District of Columbia

- Designed and launched Graphic Division's project tracking web application, which enhanced project tracking and reporting web-based project management application, improving internal project tracking and reporting efficiency.
- Automated publication of the annual FRB telephone directory via Active Directory integration with real time generation using ColdFusion Adobe PDF generation, eliminating manual labor-intensive update process using Adobe Acrobat.
- Increased efficiency and productivity by installing and upgrading software, proactively resolving issues, and introducing new hardware and software technologies.
- Optimized graphics division operations by building and deploying PCs, configuring user settings, performing hardware upgrades, and implementing backup network solutions to ensure uninterrupted performance.
- Achieved Section 508 compliance, ensuring accessibility for users with disabilities.
- Received two cash-award merits for exceptional performance and contributions to technological initiatives.

### Tech Stack

- Frontend Development: Adobe Photoshop CS3, Adobe Dreamweaver CS3, Adobe Flash CS3, CSS, HTML, DOM, JavaScript, jQuery
- Backend Development: Adobe ColdFusion 8, CFML, SQL programming
- API & Data Integration: XML, LDAP, Active Directory integration, JSON
- Databases: Microsoft SQL Server 2005

## Web Developer / DBA / Server Admin

January 2005 - March 2007

## International Vending Management

Indianapolis, IN

- Architected a comprehensive intranet site serving as the central hub for all business operations, integrating departments, resources, tools, and databases. This platform streamlined communications and processes, including client invoicing, payroll, and day-to-day management across the company.
- Enhanced business operations by integrating solutions for business reports, mailing labels, client invoicing, and payroll into the intranet site, utilizing Adobe ColdFusion Report Builder, CFML, and dynamic PDF generation.
- Created a extensive client reporting web portal enabling clients to accurately track vending machine supply and employee equipment usage, monitor inventory and replenishment, and generate custom reports based on custom criteria and filters. The application features dynamic charting, custom report builders, and supported exporting in PDF, Excel, and CSV formats.
- Engineered web-based videoconferencing solutions with integrated screen sharing capabilities, leveraging Flash Media Server technology.

### Tech Stack

- Frontend Development: HTML, CSS, jQuery, JavaScript, Macromedia Flash MX, Actionscript
- Backend Development: ColdFusion, Adobe Report Builder, CFML
- API & Data Integration: Flash Media Server 2.0, XML, JSON
- Databases: MS SQL Server

## ColdFusion Programmer / Front-end Designer

2003 - 2005

## EDI Consulting Group

Elwood, IN

- Recommended software and hardware technologies, installed, and set up a web server utilizing Microsoft IIS and ColdFusion server.
- Independently developed an efficient transaction-based website, resulting in the company signing an exclusive contract to partner with Sterling Commerce and provide a FAX-to-EDI web interface for Sterling Commerce's EDI customers.

- Transitioned from full-time employment to occasional work on an as-needed basis as part of a contracted retainer agreement between myself and the company.

#### Tech Stack

- Frontend Development: Macromedia Flash, HTML, CSS, JavaScript, jQuery
- Backend Development: Macromedia Cold Fusion MX, CFML, SQL programming, Microsoft IIS
- Databases: Microsoft SQL Server

### Founder & Lead Developer

2000 - 2003

### SimplerCareers.com

Elwood, IN

- Personal Project; Planned, designed, and launched a large-scale online job bank, increasing employer job posting efficiency and expanding candidate reach.
- Integrated the Federal O\*NET Occupational Database, enhancing job search accuracy and relevance.
- Developed high-impact features including instant employer job postings, a resume builder, resume bank, alumni services, salary report center, XML RSS job feeds, and a JavaScript job feed enabling partner sites to display live listings.
- Created a custom-branded Internet Explorer toolbar, driving repeat traffic and increasing site engagement.

#### Tech Stack

- Frontend Development: HTML, CSS, Vanilla JavaScript, jQuery
- Backend Development: Macromedia ColdFusion, CFML, SQL programming
- API & Data Integration: XML/RSS, Federal O\*NET Occupational Database

### Web Developer & Systems Administrator

June 1999 - December 2002

### Interconnect LLC

Indianapolis, IN

- Led and mentored a small development team, improving productivity and technical proficiency through hands-on training.
- Architected, prototyped, and deployed dynamic websites using ColdFusion, Perl, PHP, MS SQL, MS Access, and MySQL, reducing development turnaround times.
- Managed Windows-based servers (hosting, database, and application) to ensure high availability and optimal performance.
- Delivered versatile solutions by taking on multiple roles, demonstrating adaptability while meeting project deadlines and quality standards.

#### Tech Stack

- Frontend Development: HTML, Macromedia Flash
- Backend Development: Macromedia ColdFusion MX, Perl, PHP, SQL programming
- Databases: Microsoft SQL Server, Microsoft Access, MySQL

## Education

Bachelor of applied science degree

Computerized Visualization Technologies

ITT Technical Institute - 2001

Graduated with Highest Honors, 3.9 GPA

Associate in applied science degree

Computer-aided Drafting Technologies

ITT Technical Institute - 1999