

C. Jason Wilson

Senior Software Engineer

Phone: [\(571\) 337-0049](tel:(571)337-0049)

Email: jason@wilsonstudioweb.com

Portfolio: www.wilsonstudioweb.com

Experienced Fullstack Developer skilled in modern JavaScript frameworks, ColdFusion, and SQL. Proficient in Node, Vue.js, React.js, jQuery, HTML, Tailwind, Bootstrap, CSS, and user experience design. Adept at SQL database administration and optimizing performance. Seeking a challenging role to leverage my expertise and achieve impactful results.

Career Highlights

Software Developer III at [NASA - Kennedy Space Center](#)

- Recipient of the "**2014 Best of KSC Software Award**" for developing software that enhanced data management and operational efficiency at NASA's - John F. Kennedy Space Center.

Lead Applications Developer at [US Department of State](#)

- Developed internal applications for the US Department of State's Effective Terrorist Screening System, significantly enhancing data tracking and reporting efficiency for the **National Security Watchlist** Database.
- Successfully passed Agency Special Background Investigation and held **TOP SECRET (TS/SCI) Security Clearance** during tenure at the US Department of State.
- Completed Top Secret Classification training on derivative classifications of national security information in order to handle sensitive information.

Web Developer at [Federal Reserve Board](#) of Governors

- Publicly **recognized for exceptional performance** in designing and developing the Graphic Division's Project Tracking web application, which enhanced project tracking and reporting, and developing a custom online Content Management System (CMS) that significantly improved efficiency across multiple departments.

Work History

Senior Software Engineer at [Georgia MLS](#) *Aug 2024 - Current*

- Contracted (via [Akkodis Group](#)) to deliver invoicing, credit card authentication, and bill payment solutions for 3,000 offices, including migration to Sage Intacct payment processing.
- Built a high-performance, front-end real estate analytics geo-mapping platform with vanilla JavaScript and Google Maps API, delivering interactive mapping, real-time data visualization, and optimizations that cut load times and server impact by 70%.
- Developed and integrated full invoice processing workflows with the Sage API, enabling seamless data synchronization.
- Built Vue.js tools with ColdFusion MVC (Framework One) integration layers to streamline XML API interactions, reducing development time and improving accuracy.
- Delivered API Object Explorer, XML Request/Response Viewer, and Form Builder; authored technical and database specifications to standardize integrations and improve maintainability.

Senior Software Engineer at [Old Republic Home Protection](#) *Jan 2022 - Jan 2024*

- Successfully configured cloud environment and migrated codebases to MS Azure, ensuring seamless integration and optimal performance.
- Improved user experience with modern front-end features implemented using Vue.js and React.js.
- Collaborated with cross-functional teams to strategize and execute legacy code migrations.
- Developed skills in AI tools for coding, documentation, and analysis purposes.

Software Developer at [iNetUSA](#) *Jan 2021 - Jan 2022*

- Self-initiated an advanced OpenMaps web search interface for probate properties by batch processing address data, geocoding through US Postal API to obtain longitude and latitude coordinates, storing the coordinates, and creating a dynamic map interface that queries the database for records within the selected area, displays them on the map, and clusters markers for a clear visual representation when zoomed out.

- Developed and maintained robust web applications using expertise in JavaScript, Vue, jQuery, ColdFusion, and MySQL database technologies to improve functionality and usability of existing probate web applications..

Senior ColdFusion Developer at VegasInsider.com *Sep 2017 - Oct 2020*

- Spearheaded cross-functional collaborations with international (Copenhagen-based) team as part of a multinational organization.
- Engineered responsive front-end designs by programming and scripting back-end functionality for web applications.
- Conceptualized and delivered innovative web applications through the entire software development lifecycle, from initial design to final deployment in production.
- Fostered digital literacy among team members through interactive training sessions on advanced topics.

Senior Software Engineer at HotelPlanner.com *Mar 2014 - Apr 2017*

- Designed and implemented responsive front-end solutions for optimal user experience across various devices.
- Integrated Google Maps API functionalities, including geocoding, markers, and clustering.
- Established and managed a media green room, conducting photography and videography sessions to produce visual content, and recorded, edited, and published videos for "HotelPlanner Today" on YouTube.

Extended Work History..

- For a full comprehensive overview of my skills, career trajectory and relevant work experiences, I invite you to explore my portfolio website.
- Portfolio: www.wilsonstudioweb.com
- LinkedIn: www.linkedin.com/in/wilsonstudioweb

Recent Projects

BoneheadWear.com

Founder and CEO / Creative Director of an alternative upscale luxury brand specializing in unique and edgy headwear. Designed and developed all aspects of the brand, including graphics, video content, photography, product designs, and

website development. Managed the online presence and marketing efforts, showcasing creativity and technical skills.

Technologies used: React.js, Node.js, Tailwind.css, MongoDB Atlas, Heroku Hosting, GitHub Pages, AWS S3 Buckets, Swipe API, Custom Headless CRM backend built on Node.js, AJAX, JSON, Adobe Creative Suite

Mooselodge1717.com

Developed the website for the Loyal Order of Moose - 1717. Implemented features to support the organization's activities and fundraising efforts. Utilized modern web technologies to enhance user experience and streamline content management.

Technologies used: React.js, Node.js, Tailwind.css, Microsoft SQL Server, YouTube API, Custom Headless CRM backend built on Node.js, AJAX, JSON, Adobe Photoshop, Fooocus AI Image Generation

Skills

- **Cloud and DevOps:** Microsoft Azure, Amazon AWS, Remote Desktop Protocol (RDP), Heroku, Mongo Atlas, Docker, Apache, IIS
- **Database Technologies:** Microsoft SQL Server, PostgreSQL, Oracle, MySQL, MongoDB, SQL, T-SQL, PL/SQL, Stored Procedures, Relational Database Design
- **Front-End Technologies:** Vue.js, React.js, jQuery, Vanilla JavaScript, AJAX, HTML, CSS, Bootstrap, FontAwesome, Tailwind, User Interface Design, Mobile Responsive Design
- **Back-End Technologies:** Node.js, Adobe ColdFusion, Java in CFScript, PHP, API Development, Data encryption storage & retrieval
- **Development Tools:** Visual Studio Code, WinMerge, Git, SVN, Tortoise SVN, JIRA, Microsoft Teams, Adobe Dreamweaver, Adobe Photoshop, Adobe After Effects, Adobe Premiere, OBS Studio, Sublime Text, Notepad++, CommandBox CLI
- **API Integration:** SAML Authentication, Auth0, Stripe, Google Maps API, OpenMaps API, YouTube API, Postman
- **Methodologies:** Data Encryption & Security, Encrypted Data Storage and Retrieval, Agile Development, Waterfall Development, Scrum, Kanban

- **Other:** Active Directory and Single Sign-on integrations, AI Tools for coding, documentation, analysis, Creating Web Services, Consuming Web Services, Server Administration, Data Architecture, Consulting, Agile Development

Education

BACHELORS, Computerized Visualization Technology

ITT Technical Institute, Indianapolis, IN | Nov 2000 - Nov 2002 | GPA: 3.9

ASSOCIATES, Computer-Aided Drafting

ITT Technical Institute, Indianapolis, IN | Nov 1998 - Nov 2000