

# Todd Heinze

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## Background Summary

Front-End Developer with a focus on creating visually appealing, user-friendly, and responsive web applications. Strong experience in modern JavaScript frameworks, building seamless, enjoyable user interfaces. Comfortable working directly with clients and cross-functional teams to deliver projects that meet both design and performance standards.

## Core Skills

- **Languages/Frameworks:** HTML, CSS, JavaScript, React, Typescript, Angular, JQuery, GSAP, C#, PHP
- **AR/VR Development:** Unity, Blender
- **AI & Automation:** AI-driven applications, GPT-based tools for workflow automation
- **Content Management:** WordPress
- **APIs/Databases:** Salesforce API, MySQL, MSSQL, SQL Server, .NET MVC, XML
- **Version Control:** GitHub, Git, SVN
- **Testing:** Unit Test Framework, NUnit, NCrunch
- **Agile & Development Tools:** Agile, Scrum, Visual Studio, GitHub
- **Design Tools:** Adobe Creative Suite
- **Other:** Bootstrap, Responsive Design

## Professional experience

### Senior Software Developer

#### People Productions (January 2021 – September 2024)

- Developed dynamic, interactive applications using React, C#, and Unity to illustrate medical procedures and support sales of medical and scientific devices, with a focus on clean, user-friendly interfaces for an enjoyable user experience.
- Created browser-based AR applications, allowing users to experience marker-based AR environments without the need for downloads, simulating Heads-Up Displays (HUD) with hotspots and real-time information overlays.
- Built immersive VR solutions using Unity and Blender for medical training for procedures, delivering high-quality, interactive experiences for major medical companies.
- Developed AI-powered tools to integrate ChatGPT API with Google Docs, reducing document creation time from 2 days to 10 minutes by automating prompt management and template generation.

- Integrated Salesforce API with Showpad to streamline sales team workflows, improving efficiency and enhancing the presentation experience.

**Software Consulting** - Erie, CO. June 2011 – December 2020

**Contract Developer – Full Stack development**

- Created custom, mobile-responsive websites for clients using HTML, CSS, JavaScript, and WordPress.
- Developed cross-platform sites (web, mobile, tablet) using the Foundation framework, ensuring smooth animations and a high-quality user experience.
- Built dynamic JavaScript animations, including parallax effects and transitions, to enhance the visual appeal and interactivity of client websites.

**Vail Resorts** - Superior, CO. March 2016 – December 2017

**Software Developer – Front End Development**

- Enhanced the usability and design of all resort websites, ensuring mobile responsiveness and a clean, user-friendly experience.
- Developed a childcare registration system for all mountain resorts, streamlining the process for skiers to book childcare services.
- Aligned website themes and colors with current marketing trends to maintain brand consistency across all resorts.

**Greenbrier Systems** - Boulder, CO. September 2015 – March 2016

**Software Developer – Full Stack Developer**

- Created responsive forms using Bootstrap and Knockout, handling client-side and server-side validation to ensure data accuracy and usability for end-users.
- Developed forms for monetary claims using Knockout, JQuery, .Net MVC, and SQL, facilitating secure exchanges for the American Association of Railroads.
- Implemented front-end web pages using HTML and CSS, ensuring design comps were matched with pixel-perfect accuracy.
- Improved user interfaces in Bootstrap for displaying and updating data within SQL databases, enhancing overall efficiency and user experience.

**Kiosk Information Systems** - Louisville, CO. March 2011 – May 2015

**Senior Developer – Software and UI**

- Team Lead on several projects, collecting data and communicating with web services, interacting with hardware, and displaying results on well-developed front-end.
- Led the front-end development team in creating interactive and intuitive user interfaces for kiosk systems.
- Designed and implemented user flows, ensuring seamless interaction with hardware via a well-developed front-end.
- Collaborated with designers to develop visually engaging UI components that align with client branding and project specifications.

**Webroot Software** - Boulder, CO. September 2009 – March 2011

**Senior Web Developer**

- Developed and optimized front-end pages for the global website, improving user experience and driving sales.
- Collaborated with project managers to streamline user journeys, enhancing navigation and increasing conversions.
- Designed promotional email campaigns and utilized RedDot CMS to maintain consistent branding and manage global content.

**Factory Design Labs** - Denver, CO. August 2005 – July 2009

**Senior UI Developer**

- Developed custom, visually engaging websites and UIs for clients like Audi, The North Face, and Oakley.
- Collaborated with designers and account managers to translate creative concepts into responsive, user-friendly web applications.
- Delivered efficient, cross-browser compatible front-end code, ensuring projects were completed on time and within budget.

**Education**

1999-2001 University of Colorado Boulder, CO.  
Bachelor of Arts - Fine Arts

1991-1996 Texas A&M University College Station, TX.  
Bachelor of Science - Genetics