**Ken Wagner**

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**SUMMARY**

As a Software Engineer, I have you covered from front to back and in mobile. Professional and freelance knowledge of HTML, CSS, JavaScript, C#, Android Java, Databases, and Cloud. Communicating with customers, coworkers, and project managers is a natural part of the problem solving process and contributes to a great work environment.

**TECHNICAL SKILLS**

Languages: 12 years: HTML & CSS

6+ years: C#, JavaScript.

4+ years: Android Java, SQL, CSS3, and HTML5.

2 years: TypeScript, JQuery, and C++.

1+ year: React.

1 year: Handlebars, Ruby, PHP, and Python.

Frameworks: 8 years: ASP.NET.

3 years: Angular, Bootstrap, Node.

Web Services: 4+ years: XML, REST, and JSON.

IDEs: Visual Studio, Atom, Android Studio, Notepad++.

Version Control: Team Foundation Services, GitHub, Bitbucket.

Cloud Services: 2+ years: Amazon Web Services (AWS)

Databases: SQL Server, MySQL, Oracle, MongoDB

**PROFESSIONAL HISTORY**

**Teacher, *PacktPub.com and Skillshare.com* June 2018-Present**

Creating online video courses in JavaScript that require planning through publishing.

* Design course outline, expected time, edit videos, present for review, then publish online.

**Software Engineer/Owner, *Built2GSD - Kennewick, WA* Jan 2010-Present**

Freelance work using popular technology, with frequent use of Github. Web applications are built first, then other platforms (Android, ASP.NET, SQL, Angular, Bootstrap, Node, and React) are used.

* Projects include *Method for Talent, Use the Talent, RSG Solutions,* and *Edison* Finder being built as Web and Android Applications.
* Mentoring novice developers to help them gain experience and industry knowledge.
* Using planning through release methods.

**Software Engineer (Contract)*, Holland America Cruise Lines - Seattle, WA* Jan 2017 – Feb 2017**

Worked on legacy .Net Windows and Web applications as well designs for their replacement and improvement.

* rebuilds, along with development for Windows, Web, and Mobile apps. Introduced Android design intended for staff options such as GPS tracking and schedule changes. Worked on responsive web application for Princess Guest & Employee Portals, and Alaska Land Systems.
* Worked with team members on planning through release
* Worked on code in SQL, Stored Procedures, C#, Bootstrap, HTML, and JavaScript.
* Created wireframe model for asset management such as train cars, buses, and staff in Alaska.
* Tracked and debugged web app used for tracking tour directors and relocation information.

**Software Engineer (Contract), Devfuzion *- Kennewick, WA*  Sept 2016 – Nov 2016**

Provided immediate solutions to Chukar.com, an e-commerce site using Magento CMS system.

* Wrote code and debugged full stack. Worked with Cloudflare, CMS cache and generated e-commerce content.
* Wrote PHP/XML custom modules for shopping cart rules worked on FTP, backups,
* Managed, installed, and debugged extensions from 3rd party sources and provided options and changes in code to improve user experience design and improve usability.
* Created plans for phases from idea to release.

**Developer (Contract),  *LiveTiles - Richland, WA* April 2016-June 2016**

Worked on the LiveTiles commercial application, used to customize SharePoint as an internal website; used ES6, TypeScript, Handlebars.js, Less CSS, Bootstrap, JQuery, and Node.

* Rebuilt Facebook and Yammer tiles to add features and improve user experience.
* Refactored, debugged, and optimized features in RSS, Twitter, Delve, and OneDrive interfaces.
* Pushed for UI/UX best practices, accessibility, and internationalization; fixed CSS flaws (font size, icon size, etc.) in user interface, wrote functions/methods with future readability as a priority.

**Software Engineer, Cayuse Technologies (Accenture Partner) – Pendleton, OR May 2013-April 2016**

This was a direct hire position with subcontracted work consisting of multiple and overlapping projects for Cayuse and clients such as AT&T, T-Mobile and JP Morgan Chase.

***Cayuse Project: Data Insights Group, Sept 2015-April 2016***

* Used Amazon Web Services (AWS) to create authentication, security policies, servers, SSH access, and databases like SQL and PostgreSQL for cloud data mining projects.
* Created Android weather application prototype for Marketing Department

***T-Mobile: Analysis Dev Team, July 2015-Feb 2016***

Performed development analysis for the switch from Amdocs to Ericsson for databases

* Wrote SQL code for data modeling and analysis of customer types from 25 million subscribers.
* Optimized SQL database queries 200-300% faster and enforced user friendly analysis documents.

***Cayuse Project: Language Application, Mar 2015-April 2015***

Created Android application for the Nez Perce Language and Umatilla Tribe’s culture.

***JP Morgan Chase: Intl and Domestic Client Exit of OTP, Oct 2013-Mar 2015***

Called Order-To-Pay (OTP), it was formerly the largest automated payment management system.

* Created requirements for and tested a Java automated testing tool for reading encrypted multi-gigabyte CSV files along with creating most of the test cases involved in its use.
* Remote assisted customers with their financial data by providing a walk-through and data guides/maps.
* Led 10-person test team, analyzed their testing, and altered the testing to finish 30 days early.

***JP Morgan Chase: OTP (Rel. 12.3/12.4), May 2013-Feb 2014***

* Coded functional and UI testing of XML SOAP and Java APIs. Trained other team members.
* Tested security…

**Data Analyst, IHS Inc. – Lake Oswego, OR Feb 2007-Oct 2008**

Reduced errors and language processing by 85%. Performed analysis, and data modeling for SDS databases.

**Web Developer/Owner, Motormind Inc. Computer Services – Beaverton, OR June 2006-Jan 2010**

Freelance technical support and websites in HTML, CSS, with .NET, JavaScript, and PHP. Created Motormindinc.com, and Edisonfinder.com, as well as TriCityTripleThreat.com for AAU Girls’ Basketball Team.

**EDUCATION**

* A.A.S. Degree in Computer Science, Columbia Basin College – Pasco, WA
* Major - Mechanical Engineering | Minor – Music, Washington State University – Pullman, WA