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## **THE I SUMMARY** *(currently as Senior [DevOps/Full-Stack Engineer/PM] working 2 shifts)*

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I am confident that my background, training, skills, and years of experience in the field of Information Technologies will be an asset to your company. To date, I have gained over 25 years' experience in computer-based media. I excel at critical and analytical analysis to produce UI/UX rich environments meant to reduce time spent in those environments both on the end-user and on the workforce to run them. Turning a customer/employer's needs into reality is a fulfilling aspect of my career. I have a proven ability to deliver technological cost savings while championing development, design, and implementation efforts to improve productivity and business operations. My paid work experience started at age the young age of 12 with nothing more than note pad and understanding what I had taught myself from GeoCities. I gained training under leaders of the industry at great employment opportunities such as Gemini 8m Telescopes (under NOAO, funded by NSF, and seven countries) through my last employer, Washington State University (a land grant state university). As a Regional and National award winner in animation, print design, and web development, I count myself lucky. I have been a part of changeling projects with impressive teams that always helped refined my skill set at every stage. I love my profession!

\*(Awarded through Telly's, CASE, and American Advertising Federation)

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## **COMPUTER SKILLS**

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### **Languages and Technologies**

- More than Proficient in: C#, JavaScript (+Node.JS/jQuery/Angular/TS/React), PHP (+smarty), Bash/Shell/Power script, [MS/My]SQL (+adodb/Oracle), HTML {4/5/XHTML}, CSS {1|2|3}, XML, RSS
  - Database: Microsoft SQL Server, Microsoft Access. MySQL, Azure Cosmos (a hand full of NoSQL and Event sourcing)
  - Familiar to Proficient with: Python (Machined Learning), Lingo, LWscript, C++, VBA, VB.net, Regular Expressions, ActionScript {1|2|3}, Ruby
  - Programs (Familiar to Very Proficient): Adobe PS|AI|FL|FW|DW|PR|AE|ID|SB|AU|LC|DR| Acrobat, Corel Draw, Lightwave, Blender, Most Microsoft Products. There is more than I could say, so from Grunt to Gulp through Coffee Script to Bourne Shells or Node, I am adaptable and Git it.
  - Related Skills: Networking, Computer Repair, Fine Art Painting, Guitar and Drums, Boy Scout Leader (5 years), Youth Baseball Coach (3 years), PTA President (3 years)
  - Platforms: Microsoft OS's 95/98 through Win10, CentOS/RedHat/Ubuntu
  - Usage and full system coverage in Azure from DevOps to SysAd. Have done DevOps in AWS, DO, and RS spaces as well. **RackSpace** was my first back in 2004-ish. Security is one of the first checks and was done through the whole CI/CD pipeline, but it always started with Dev.
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## **EXPERIENCE**

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### **• Washington State University- Pullman, WA**

#### **Senior [DevOps/Full-Stack Engineer/PM]**

2011-Present

- FAIS (Finance and Admin Information Systems): Created on many finical systems where
  - o I created 20+ Enterprise level apps where I started from, and empty container and empty repo hit the keys till finial deployment and the end-users where moving.
  - o Managed a team of 5+ (always changing in number)
  - o Design and implement the eCommerce solutions and create all plugins and ties systems like MS RMS (now dynamics 365) with Magento, or the gateways, and so on. Average sales were 1.5 million a year for online. Help roll out the POS and do PCI checks
  - o Created over 48 WordPress sites
  - o Made heavy integrations into major ERPs such as AiM/Aims/BAS/SELogic and others
  - o Created an extensive IoT for WSU.

- o Used ML/AI in BI for reporting needs. Custom integrations between Microsoft Products and home-brewed .net CORE apps.
- o We were also gearing up for the next major ERP implementation WorkDay, which I have systems already.
- UCCOM: worked on or created centralized web services, adding Global Analytics for WSU to the list
- UP: worked on or created many central parts like the Spine, Maps, and more which went to UCOMM on merging

As a part of different teams that serviced the needs WSU in many different areas, I have gotten to enjoy the peer interactions and to grow from them. I still maintain one of the most extensive code usages for my work, even five years after producing the frameworks use across 800+ sites for WSU. Currently, in charge of the Azure DevOps and team management, I have progressed my PM skills significantly and continue the DevOps path with a massive Full Stack and Designer tack applied to that work. Although some things become vaporware, many of the systems are still in use, and the experience has allowed me to create a wide variety of apps and services and my own IoT. From entirely custom full-featured CMS's to an innovative CSS framework that helps shape all of WSU's web presence, all in the languages of C#/ PHP/ node.js/ jQuery/ XHTML/ CSS/ XML with minors in others using appropriate data stores. I get to create, and that is what I love to do!

### **Highlighted Projects/tasks**

- Get the CI/CD of the latest round of .Net CORE 3 Apps set up for the finical and administration arm of WSU.
- Get all of the PM juices we could get out of DevOps on Azure as well as the DevOps practice itself.
- Write many custom applications in C#, PHP, JAVA, node.js to help integrate all of WSU's different systems better
- Maps.wsu.edu – Chief Architect of WSU's central mapping systems sitting on a Google map/C# mashup (Soon to be ESRI based)
- Produced many offline-capable mobile apps for Windows/Android/iOS some of which hooks into the
- AiM ERP for Capital Projects and Facility Maintenance
  - o The architect of WSU's centralized store system using Magento as the base – will hook into WSU's new ERP workday too.
  - o Write custom plugins for WordPress, Magento, AiM, AIMS, and Others
- Spine Framework - Major role in current WSU web branding implementation, guidance on SASS/CSS and wrote all of the JS about 8 years old now (in FAIS we rewrote much of it but yet to push it back up to the core)
- Global Analytics – Chief Architect of Web Data Analytic program for all of WSU that ties user interactions from all participating URLs. Tracks events such as downloads to forms getting filled out, all regardless of the technology used on the sites.
- Written a handful of Themes that leverage the Spine and FAIS's flexed framework that replaces the grid system of the Spine, all to allow 48 sites to have one theme in WordPress but starkly different designs but able to be maintained with little resources

### **Notables**

- o 2013 Silver Award in the CASE District VIII on undergraduate student recruitment website and Washington State University Online Map / map.wsu.edu o
- Created over 30 extensions for Magento and WordPress
- o The writer of code solutions with an aggregated average of over 5,000,000 interactions a month

## **• Freelance / Self-employed**

### **/Full development and design services**

2000-2016

High profile clients such as the Clinton Health Access Initiatives: CHAI (<http://www.clintonhealthaccess.org/>) to Greater Lawrence Tech (<http://glts.net/>) were all given sites that they can control on their own with minimal support needed. For the Clinton Health Access Initiatives project, I produced a database and interactive interface system that allowed for data entry and custom reports from a query builder. The application allows for use by doctors and pharmaceutical companies to track clinical trials for research of HIV drugs and vaccines across the world.

## **• CMS Made Simple- [www.cmsmadesimple.org/](http://www.cmsmadesimple.org/)**

### **/Development team member**

2010-2012

I was a core developer for CMS Made Simple, providing advanced scripting for image processors to general core classes. I provided bug fixes, improvements to the system, and other development tasks.

## • **DEFINED CLARITY - Philadelphia, PA**

/CDO

2009-2012

This company has fallen, but while I was there, we handled major Energy Companies, Delaware Ports and more. I only include this, so it is clear what I was doing in this period.

- Responsible for most of the server maintenance and configurations. (DevOps)
- Two servers hosting 45+ sites (12 being eCommerce 4 OScommerce/7 Magento/1MS RMS)

## • **Digital Barn Productions- Lewiston, ID**

/Lead Graphic Design / Web Design and Development

2005-2010 ○ Primary

responsibilities include the design and development of server/client-side code.

Code Used: Flash AS2/3, Php, VB/.net, JavaScript, MySQL/MsSQL

- Developed and implemented on sites ranging from hospitals to Outfitters.
- Full design and UI/UE development
- Sales of service
- Template Creation/implementation
- Responsible for all server maintenance and configurations. (DevOps)
- Two servers hosting 45+ sites (12 being eCommerce 4 OScommerce/7 Magento/1MS RMS)
- Perform as the primary graphic design artist and 3D animator.
  - All print ads, magazines, books
  - All illustration work and
  - Support graphics for video
- Notables Have earned over 15 gold and silver awards along with many accolades thru the local Lewiston Idaho chapter of the Ad Federation.
  - A bronze Telly--2008 Film/Video Bronze Winner for long format 3D Animation (Simulation and animation Machine Learning)
  - I created and set up the whole web production end of Digital Barn productions llc.'s business model (Cloud Architect )

## • **TriState Outfitters- Moscow, ID**

/Advertisement Assistant – Handled four store's advertisement in 3 markets

2001 ○ All graphic

materials for four stores

- End caps
- Display and sale collateral
- Photography of products

## • **Gemini Observatory - Hilo, HI**

/PR Assistant – Interactive dev, fulfilled international PR needs

1998-2000 ○ Made

interactive displays for the lobby's touchscreen displays (in lingo for Director)

- All graphic materials
- All graphics and some site construction for the internet
- Notables
  - I had an image I worked on published in National Geographic, and also one in an X-Files episode in season 1.
  - Met the Prince of Whales and had a picture of us shaking hands.

## • **Big Island Advertising-Graphic Design- Hilo, HI**

/ Fully serviced 7 dealerships across 5 markets

1997-2000 ○ All

graphic materials for seven dealerships across five markets ▪ All print ads

- All ads for the TV guide Channel
- Photography of stock
- Organization of promos and events

Notables ○ Produced a daily ad for each in addition to 3 display ads.

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**Reviewer on Books**

2012 - "CMS Made Simple Cookbook" – Packt Publishing

2010 - "CMS Made Simple 1.6" – Packt Publishing

**Major Dev Teams**

CMS Made Simple Development Team (Akin to WordPress)

**Volunteer and Leadership Roles**

Boy Scout leader for over five years

PTA President for last three years

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