

## Personal Info

## Summary

wes@wesleyreisz.com

**Technical engineering leader** exploring roles that embrace socially conscious software that tackles real-world technology problems in the cloud native space and enables people of all backgrounds / identities to realize purpose through software.

## Work experience

8/20 - current

### Solutions Engineer (Tanzu Platform Architect)

#### VMware, Palo Alto, CA (Remote)

Modern Application Business Unit Platform Architect, covering the complete prior Pivotal stack, including PCF/TAS, TKG (K8s), CI/CD, & Java/Spring Application Development.

- *Mentored/enabled* customers and inhouse architects on hybrid and multicloud strategies around cloud native development (including vSphere, AWS, GCP, & Azure), CI/CD, github, bitbucket, ADO, jenkins, bitbucket pipelines, kind, docker, & minikube .
- *Performed* as primary technical contact/platform architect with one of the Top 2 VMWare Tanzu clients in 2020-2021, during sucessful POCs/engineering pursuits for Tanzu Service Mesh, Tanzu Kubernetes Grid (Edge), and Tanzu Mission Control.
- *Delivered* workshops/POCs/1 on 1 demos on lean, event-storming, containerization, kubernetes, microservices, data protection, gitops, PCF/TAS & app resiliency patterns.
- *Recommended and championed* architectures to solve major challenges of clients
- *Supported* clients directly during incident response and triage.

**Technologies used:** Kubernetes, CI/CD, Spring, GKE, AKS, EKS, TKG, FluxCD, TMC, TSM, vSphere 7, containers, Docker, TBS, Harbor, architecture, hybrid, multi-cloud, kind

3/19 - 5/20

### VP of Technology

#### Section, Boulder, CO / Sydney, Australia (Remote)

Senior team member of Section, an Edge Compute Platform startup.

- *Created* Section Labs, an innovation lab focused on Research & Development and education (prototypes included Envoy reverse proxy, consistent hash, and edge machine learning/inferencing).
- *Led* the module development team. Responsibilities included developing deeper platform capabilities and building/supporting existing container-based reverse proxies (including WAF, Bot Blockers, & JavaScript/Go/Lua/OpenResty Applications).
- *Developed* edge-deployed, containerized applications leveraging technologies including Lua, JavaScript, Go, Bash, Jenkins, etc.
- *Supported* sales enablement through solutioning, pre-sales activities, and vendor briefings.
- *Developed and operated* container-based reverse proxies for global Kubernetes presence across a multi-cloud/multi-provider environment.
- *Advocated, delivered, and wrote* technical education.

**Technologies used:** Lua/OpenResty, Kubernetes, AWS, Go, Containers, CDN, Jenkins, Bash, Edge Compute, Linux, Git, DevOps, JavaScript, Python, Nginx, Envoy, Python

7/15 - Present

### Chairperson QCon SF & QCon+ / Co-host The InfoQ Podcast / Editor InfoQ

#### C4Media, Toronto, Canada (Remote)

Led technical content and organizing committee for senior developer/architect conference;



co-host an iTunes Top 100 Technical Podcast on software architecture; covered DevOps/ Cloud/Edge News on InfoQ.com

- *Chaired/Organized* Content annually for QCon San Francisco software conference (1600 software engineers in the Bay Area)
- *Co-hosted* of The InfoQ Podcast (~14k downloads/listens per episode)
- *Led* speaker effectiveness workshops for QCon SF, QCon London, QCon NYC, HashConf, & HashiTalks Virtual Events.
- *Covered* DevOps, Cloud, Edge related news items for InfoQ.com

**Technologies used:** DevOps, Cloud, Architecture, Edge

7/15 - 3/20

### Principal Technical Advisor

#### C4Media, Toronto, Canada (Remote)

Product owner directly accountable for the attendee, speaker, and committee experience serving 5K developers annually, included speaker selection/recruiting/mentoring, content curation, practitioner feel/voice, equal representation, and quality.

- Created an entirely new machine learning/AI event QCon.ai. In it's first year, achieved profit and an attendance of 275.
- *Increased NPS* from mid 20's to mid 40's across geographic regions including San Francisco (42), London (48), and New York (36).
- *Led* speaker effectiveness workshops for QCon SF, QCon London, QCon NYC, HashConf, & HashiTalks Virtual Events.
- *Covered* DevOps, Cloud, Edge related news items for InfoQ.com
- [WeatherCheck] *Advised* architecture, developed prototypes, implemented geolocation API leverage AWS Lambda.
- [Hyperloco] *Developed mobile apps using Swift, prototyped APIs, and architectural guidance.*

**Technologies used:** DevOps, Cloud, Architecture, Edge, Culture, Org, Team, DevEx, Python, AWS, Lambda, S3, Redshift, RDS, Athena, Android (Java), IOS (Swift), Git

4/14 - 4/16

### Architect

#### HP Enterprise Services, Fort Knox, KY (USA)

Principle architect for the US Army Cadet Command

- *Migrated / re-platformed* on-prem systems to government cloud (one of the first).
- *Led/performed* mail/file server migration from on-prem to GMail.
- *Rearchitected/Consolidated* applications for hybrid cloud environments.
- *Integrated* of COTS/GOTS software with customer Java / .NET systems.

Architecture team member for US Army Human Resource Command.

- *Responsible* for the governance and guidance of Human Resource Command systems, including components of Army National Guard, Accessions, Recruiting, and Cadet Command systems.
- *Architected/Developed* Java solutions for US Amy Platforms.
- *Led* Army Cadet Portal development managing the cadet relationship and document requirements.
- *Designed/mentored* developers on the creation of services in support of the Service Oriented Architecture (SOA) initiatives, including bridging functionality between PeopleSoft and ARISS.
- *Performed* product reviews and analysis of products, including working with vendors, writing reference implementations, and on-boarding dev teams.
- Established software development & architecture technical standards.

Champion for HP Enterprise Services and a trusted advisor within DoD.

- *Prototyped* first Army mobile recruiting application. Application was first to be accepted to DoD mobile store.
- *Coached, taught, & mentored* technical teams on agile development practices (took teams failing to meet expectations to massive increases in team velocity and project delivery).



- *Authored* articles/whitepapers, performed presales architecture solutioning, presented at DoD (and public) conferences on behalf of HP Enterprise Services around enterprise integration and mobility.
- *Developed* strategy, governance, blueprints, trained developers, and all activities to adopt service oriented architecture for Army Recruiting.

**Technologies used:** Java, JavaScript, Angular, JavaEE, Maven, Spring, C#, .NET, MVC.NET, Entity Framework, Scum, SQL Server, Oracle, T-SQL, Glassfish, Oracle Weblogic, Liferay, Tomcat

5/03 - 12/16

### **Lecturer, Part-time evenings**

Adjunct Lecturer (May '03 - Dec '16)

- Adjunct lecturer for the University of Louisville (short periods teaching for Bellarmine and Sullivan University).
- Taught upperclassmen (300-400 lvl) in applied software topics such as Android, .NET, Architecture, JavaScript Frontend, & Windows Development
- Developed courseware and advised universities on online class curriculum through partnership with the Learning House.
- Participated as a member of the Board of Governors in the Brown-Foreman / University of Louisville Center for Non-Profit Information Technology Services. Center assisted non-profit organizations in developing and maturing IT services within their organization using CIS students, faculty, and alumni.
- Reviewed books from the Pragmatic Bookshelf and O'Reilly, including Practices of an Agile Developer (Subramaniam/Hunt), Pragmatic Unit Testing with NUnit (Hunt/Thomas), iOS SDK Development, and more.
- Developed & taught custom curriculum for all mainframe developers Java at Kentucky Farm Bureau (intro, intermediate, & advanced OO/Java twice).

**Technologies used:** Android (Java), JavaScript, Angular, NET, MVC.NET, Entity Framework, Azure, Java, Spring, HTML/CSS/JavaScript, SQL Server

5/03 - 12/16

### **Java Senior Developer / Tech Lead**

CDInteractive (Nov '13 - 'Apr 14)

- Senior developer / Tech lead for online gaming startup.
  - *Provided* architectural guidance and served as a senior developer for online gaming startup.
  - *Worked* as a senior member / individual contributor for Scrum teams.
  - *Gathered* requirements, scope, and plan for the development of new features and functions across multiple software stacks/architectures.
  - *Created* high-level and detailed architectural specifications, ensuring feasibility, functionality, security, and integration with existing systems/ platforms and back-end road map.
  - *Performed* full stack web development using: JavaScript, .NET, Spring using traditional RDBMS (including MySQL, SQL Server)

**Technologies used:** Java, Spring, Scrum, Git, ReST/Services, RallyDev. MySQL, Tomcat

01/05 - 05/13

### **Software Engineer**

#### **HP Enterprise Services, Fort Knox, KY (USA)**

Architecture team member for US Army Human Resource Command

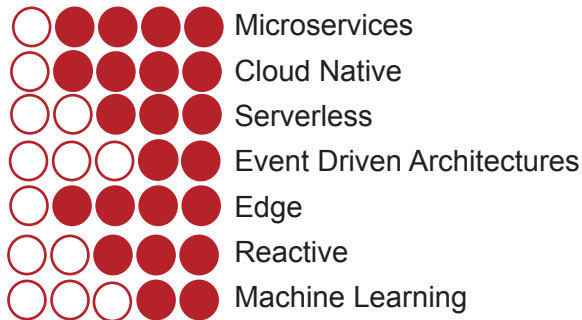
- *Responsible* for the governance and guidance of Human Resource Command systems, including components of Army National Guard, Accessions, Recruiting, and Cadet Command systems.
- *Architected/Developed* Java solutions for US Amy Platforms (SMART, FutureSoliders.com, Cadet Referral System, Congressional Inquiry System, Enterprise Portals, Portlets) in support of HRC initiatives.



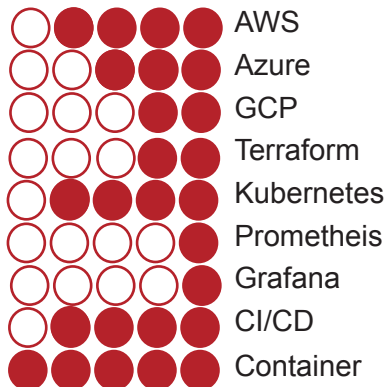


## Skills

### Architecture Patterns & Practices



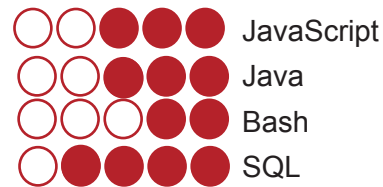
### Cloud Native



### Agile / Lean



### Programming Languages



### Version Control



### Operating Systems



### Web

