

Wade Blair

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SUMMARY

Lead software engineer with 10 years delivering cloud based platforms across **regulated healthcare** and digital product environments, including more than 6 years guiding architecture and technical delivery. Builds **scalable distributed systems**, asynchronous integrations, identity patterns, cloud services, deployment pipelines, and production support practices across AWS and Azure. Translates privacy, cybersecurity, quality system, legal, medical device, and regulatory constraints into practical engineering decisions. Guides Agile delivery across concurrent initiatives, mentors engineers, evaluates release ideas, and develops **proofs of concept** that clarify future platform direction. Hands on work with Kafka, Okta, GitHub, Jira, Confluence, automated testing, CI/CD, and full software development lifecycle execution supports dependable delivery from design through sustained operation.

EXPERIENCE

Lead Software Engineer, Digital Health Platforms

July 2022 - Present

Summit Health Systems

Denver, CO

Leads architecture and delivery for regulated **digital health platforms** across AWS, Azure, Kafka, Okta, CI/CD, cybersecurity, privacy, and quality system initiatives. Guides concurrent work from concept through production support, keeps technical decisions visible, and mentors engineers through practical delivery standards.

- Shaped **Kafka** event architecture for digital health workflows, improving resilience across dependent platform services.
- Established AWS and Azure design patterns that gave delivery teams clearer paths for scalable feature work.
- Built Okta identity flows for regulated applications, aligning authentication choices with **privacy** and **cybersecurity** controls.
- Created proof of concept integrations that helped product leaders assess future release options with less uncertainty.
- Guided **CI/CD** standards through GitHub pipelines, **automated testing**, and release checks for dependable production deployment.
- Coordinated Jira and Confluence decisions across engineering, quality, legal, and product stakeholders.
- Mentored junior engineers through architecture reviews, incident analysis, and practical software development lifecycle choices.

Senior Software Engineer, Technical Lead

June 2019 - June 2022

Clearpath Medical Software

Boulder, CO

Directed technical delivery for connected care cloud services and asynchronous systems, balancing architecture, Agile execution, integration **risk**, and regulated product expectations. Influenced engineering practices across concurrent initiatives while supporting design, development, testing, deployment, and production operations.

- Designed asynchronous service integrations for connected care workflows, reducing coupling between product capabilities.
- Led **Agile** planning for concurrent cloud initiatives, keeping architecture decisions connected with delivery commitments.
- Evaluated **integration** risks across healthcare services and documented mitigations before implementation began.
- Introduced **automated testing** practices that gave teams earlier feedback during feature development and release preparation.
- Partnered with product and quality teams to align technical plans with regulated software delivery expectations.
- Supported production investigations across distributed services, tracing failures through logs, events, and **deployment** history.
- Coached engineers during design reviews, helping quieter contributors **influence** decisions with clear technical evidence.

Software Engineer, Healthcare Workflow Services

September 2016 - May 2019

Harborview Digital Care

Fort Collins, CO

Developed healthcare workflow services, APIs, automated tests, deployment processes, and production support practices. Contributed across design and implementation while working with senior engineers and stakeholders to improve reliability, maintainability, and operational readiness.

- Implemented healthcare workflow APIs that connected clinical processes with dependable backend service behavior.
- Added automated tests around service boundaries, catching integration defects before deployment and stakeholder review.
- Improved **deployment** scripts for repeatable releases across shared healthcare application environments.
- Investigated **production support** issues through logs, request traces, and focused corrective actions.
- Documented service behavior and operational notes, giving support partners clearer paths during incident response.
- Collaborated with product and engineering peers during Agile refinement, estimation, and technical planning sessions.

Software Developer, Backend Integrations

June 2014 - August 2016

FrontRange Application Labs

Denver, CO

- Built backend services and integrations while developing practical experience with source control, build automation, testing, troubleshooting, and software delivery. Supported project teams through implementation, defect resolution, technical documentation, and dependable release preparation.
- Built backend integrations that connected application services with consistent request and response handling.
 - Added unit tests for service logic, improving confidence during iterative feature delivery and defect correction.
 - Used **GitHub** workflows to manage source changes, reviews, and controlled build preparation.
 - Automated recurring build steps, giving developers faster feedback during integration work.
 - Investigated application defects through logs and reproducible test cases, then documented practical fixes.
 - Prepared technical notes that helped project teams share implementation decisions and support requirements.

PROJECTS

Digital Health Innovation Roadmap 📅 2026

Created a proof of concept for asynchronous digital health services using Kafka, AWS, Okta, and CI/CD patterns. The work clarified architecture options, identity needs, release risks, and future platform direction for regulated product planning.

Connected Care Integration Modernization 📅 2022

Mapped integration boundaries across connected care services and introduced resilient event based patterns. Documentation connected Agile delivery decisions with testing, deployment, privacy, and production support needs.

LEADERSHIP & AWARDS

- Architecture leadership recognition for guiding regulated digital health platform decisions across concurrent delivery initiatives.
- Technical mentorship recognition for helping junior engineers grow through design reviews, troubleshooting, and practical delivery coaching.
- Delivery quality recognition for improving documentation, release readiness, and follow through across healthcare software work.

EDUCATION

Bachelor's Degree in Computer Science

2014

Colorado State University GPA: 3.5

Fort Collins, CO

Coursework: Software architecture, distributed systems, database systems, software testing

CERTIFICATIONS

- AWS Certified Solutions Architect, Associate 📅 2024
- Microsoft Certified, Azure Developer Associate 📅 2023

TECHNICAL SKILLS

- **Cloud Platforms:** AWS, Azure, Amazon cloud services
- **Event Architecture:** Kafka, asynchronous messaging, event driven systems
- **Identity Platforms:** Okta, authentication, identity management
- **Source Control:** GitHub, Git, pull requests
- **Delivery Pipelines:** CI/CD, automated deployment, release pipelines
- **Work Management:** Jira, Confluence, Agile boards
- **Software Testing:** Automated testing, integration testing, unit testing
- **Architecture Practices:** Architecture patterns, proof of concept, scalable design
- **Security Engineering:** Cybersecurity, privacy controls, secure development
- **Quality Systems:** Quality systems, regulated software, corrective actions
- **Healthcare Technology:** Digital health, connected care, medical device delivery
- **Lifecycle Operations:** Design, development, deployment, production support

SKILLS

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|-------------------------|------------------------|--------------------------------|------------------------|
| • Software architecture | • Cloud platforms | • Quality systems | • Technical mentoring |
| • Technical leadership | • Asynchronous systems | • Proof of concept development | • Integration delivery |
| • Agile delivery | • Cybersecurity | • Software lifecycle | • Risk management |
| • Distributed systems | • Privacy controls | • Production support | |

PROFESSIONAL AFFILIATIONS

- Association for Computing Machinery member, connecting with software architecture and engineering practice communities.

- Healthcare Information and Management Systems Society participant, staying close to digital health delivery and technology priorities.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST