

# RYAN BUMSTEAD

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*Extended Technical Portfolio Intended for architecture, platform, and engineering leadership discussions.*

## Professional Summary

Principal-level Platform Architect with 7+ years designing governed Salesforce ecosystems for enterprise and public-sector organizations. Specializes in architecture-first delivery, DevOps maturity, and Salesforce-centric multi-cloud systems. Known for translating executive intent into enforceable technical architecture and defining delivery standards that scale across teams and tooling.

*This document is intentionally detailed. It is designed to demonstrate how architectural decisions are made, not just what technologies are used. It should be read as a platform narrative rather than a traditional resume.*

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## Professional Experience

### Salesforce Solutions Architect (Freelance) | Oct 2021 - Present

- Acts as principal architect for Salesforce implementations across nonprofit, education, and public-sector environments.
- Architected compliance-driven platforms processing \$5M+ in public funding, enforcing auditability, least-privilege access, and traceable operational controls.
- Leads executive architecture reviews, proofs of concept, and platform governance discussions to guide long-term investment and risk reduction.
- Balances delivery velocity with system integrity by defining clear architectural boundaries and governance contracts.

### CRM Developer (Salesforce) | Creighton University | Aug 2025 - Present

- Championing DevOps modernization and architectural standards adoption for the university Salesforce platform.
  - Defined the organization's first formal Salesforce DevOps governance model, establishing deterministic validation and controlled release promotion to eliminate deployment failures.
  - Designed structured certification and training paths for developers and administrators, including Salesforce platform fundamentals and MuleSoft integration curriculum (DEX-401: Essentials of Anypoint Platform Development).
  - Advises IT leadership on roadmap planning, architectural dependencies, and platform risk management.
  - Acts as technical authority for Apex, asynchronous processing, and LWC development beyond declarative limits.
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## GlassOps Governance Protocol (Open Source)

A governance-first protocol for Salesforce CI/CD that separates policy enforcement from execution tooling. GlassOps treats governance as a platform concern, not a pipeline feature. The system enforces outcomes independent of how deployments are executed, allowing teams to adopt or replace tools without weakening compliance guarantees.

### Architectural Intent

- Prevents automation of chaos by requiring explicit policy definition before execution.
- Normalizes deployment outcomes across heterogeneous tooling.
- Produces immutable audit artifacts suitable for regulated environments.



## GlassOps Architectural Flow (Detailed)

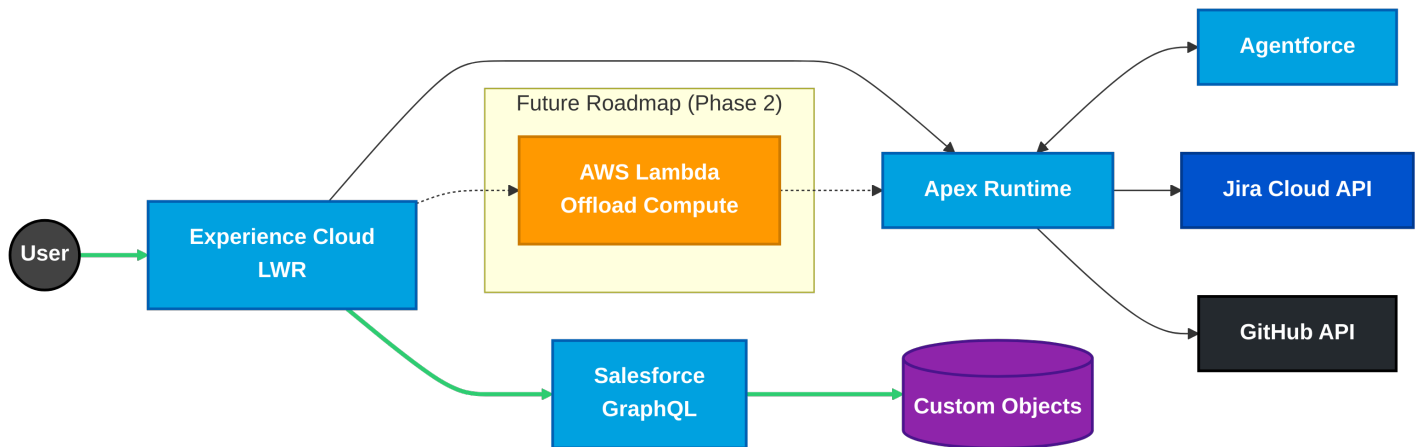
- **Policy Resolution:** Implements a strictest-policy-wins merge model (Environment, Team, Org), ensuring security floors cannot be bypassed by local configuration.
- **Simulation Phase:** Executes deployments in check-only mode via pluggable adapters. Tool-specific output is normalized into a standard Draft Contract.
- **Governance Gate:** Evaluates the Draft Contract against resolved policy. Invalid architecture or quality violations are blocked before promotion.
- **Execution Phase:** Promotes the exact validated byte-code using quick-deploy semantics, ensuring zero drift between validation and release.

This model allows governance guarantees to remain stable even as delivery tooling evolves.

## Salesforce Platform Architect Portfolio

### Architectural Intent

- **Governance First:** Treats configuration as code, ensuring all changes are auditable and reproducible.
- **Resilient Multi-Cloud:** Leverages AWS Lambda for off-platform compute, reducing dependence on Salesforce execution limits.
- **API Centricity:** Uses contract-first design (OpenAPI 3.0) for predictable and governed integration patterns.
- **AI Augmented:** Integrates Agentforce within defined boundaries to maintain platform integrity.



### Portfolio Architecture Overview

- **Core Platform:** Salesforce Experience Cloud (LWR) serves as the primary user interface.
- **Logic Layer:** Apex orchestrates business logic and integrations.
- **AI Integration:** Agentforce augments workflows while remaining governed by platform controls.
- **External Systems:** Jira and GitHub integrations are mediated through defined APIs.
- **Selective Off-Platform Compute:** AWS Lambda is introduced intentionally for compute-heavy or failure-prone operations.

### Key Architecture Artifacts

- Authored **Systems Architecture Specification (SAS)** defining platform boundaries and responsibilities.
- Maintained **26 Architectural Decision Records (ADRs)** covering security, FinOps, resilience, and AI governance.
- Designed **contract-first APIs** using OpenAPI 3.0 with enforceable rate limiting, caching, and observability requirements.
- Engineered zero-touch CI/CD pipelines with deterministic validation and controlled release promotion.
- Implemented resilience and controlled failure testing to validate graceful degradation of third-party dependencies.

## **Additional Platform Work**

### **Resume as Code**

- Event-driven CI/CD pipeline treating professional documentation as immutable artifacts.
- Secrets-first architecture decoupling PII from source control.
- Automated governance enforcing formatting, link integrity, and build consistency.

### **Setup Salesforce CLI (GitHub Marketplace)**

- Enterprise-grade GitHub Action providing deterministic Salesforce CLI environments.
- Designed as a foundational primitive for reusable workflows and governing delivery.
- Reduced CI setup time by 80% while enforcing authentication and execution invariants.

## **Education and Certifications**

**Associate's Degree in General Studies** : Metropolitan Community College (Completed 2025)

**Salesforce Certifications:** Platform Administrator I and II, Platform App Builder, Agentforce Specialist, Data Cloud Consultant, Education Cloud Consultant, AI Associate, Marketing Cloud Engagement Foundations.