

LOGAN SPENCER

Staff Software Engineer

405-402-9472 | laspencer@live.com | linkedin.com/in/loganspencer1 | Edmond, OK

PROFESSIONAL SUMMARY

I build products that stick. Story Builder went from proof-of-concept to production in 30 days and became the Content Team's primary tool serving 20+ partners. I've refactored 76% of a codebase in 4 sprints, shipped Staff-level technical work within 6 months of joining, and currently lead the largest engineering team at YouVersion. I'm comfortable with pushback, ambiguity, and making technical decisions that matter.

TECHNICAL EXPERTISE

Languages & Frameworks: TypeScript, JavaScript, Python, C#/.NET Core, Java, React, Next.js, Angular, Node.js

Backend & Data: PostgreSQL, SQL Server, Entity Framework, REST APIs, Airtable API, SignalR, OAuth/OIDC

Cloud & DevOps: Azure, GitLab CI/CD, Docker, GitHub Actions, Continuous Integration/Deployment

Architecture & Leadership: Microservices, Authentication Systems, Type-Safe Configuration, Feature-Based Architecture, Technical Leadership, Cross-Functional Collaboration, Team Mentorship, Strategic Planning, AI Integration (Claude API, OpenAI)

PROFESSIONAL EXPERIENCE

Staff Engineer, Internal Tools & Platform

YouVersion | Oklahoma City, OK | November 2024 - Present

Tech Lead for engineering team managing internal tools ecosystem and platform consolidation initiatives. Leading largest team at YouVersion.

- Led development of **Context Engine** —AI platform automating Jira issue analysis through intelligent GitLab codebase exploration:
 - Built **codebase indexing** workflow discovering tech stacks, architectural patterns, key files, and internal dependencies—enabling AI to navigate unfamiliar codebases without manual onboarding.
 - Designed adaptive exploration agent with confidence-based file relevance scoring, coordinating searches across multiple repositories to identify root causes.
 - Implemented **vector embeddings** (pgvector) for issue similarity search, enabling pattern recognition across historical tickets
 - Architected multi-model Claude strategy with context compaction and checkpoint-based iteration for cost control
- Architected transformation of Support Portal into extensible internal tools platform, **refactoring 76% of codebase (475 files, 35,530 lines)** across 4 sprints while establishing feature-based architecture enabling rapid integration of additional tools—*recognized by Sr. Director for on-time delivery*
- Migrated Django application (Ambulance) to Next.js with zero downtime, including user management module with administration, details, and bulk operations functionality—**now serving 50+ internal users**
- Developed custom authentication framework **eliminating token storage security vulnerabilities** using Next.js middleware and App Router patterns with granular permission system for role-based access control
- Built AI-powered Merge Reporter solving chronic stakeholder communication gap—**eliminates 100% of manual status reporting** while automatically analyzing commits and generating non-technical summaries in Jira at <\$30/year operational cost
- Leading web development and team education for Optimizely CMS integration, **performing 80%+ of Optiframe frontend UI implementation** while training team for full ownership

- Created **Roles & Permissions Management UI** (self-initiated), **saving hundreds of engineering hours** by enabling visual debugging vs. manual API interactions—used organization-wide
- Developed **Web Dev Mastery training program** with AI-graded exercises, accelerating team onboarding and addressing capability gaps across Web Chapter

Senior Engineer, Bible.com Platform

YouVersion | Oklahoma City, OK | January 2024 - November 2024

- **Enabled 330M user reach across 10 new languages**—Bible.com's largest language launch in years—through architected type-safe configuration system and infrastructure modernization (*recognized by Regional Digital Marketing Manager for 'contributions that made it possible'*)
- Identified architectural limitations blocking share functionality implementation, **advocated for strategic refactor over quick fixes**, delivered scalable solution enabling seamless cross-platform share buttons—**preventing technical debt** that would have blocked future features
- Resolved months-old CI/CD blocker in login.youversion.com (*self-initiated, recognized by Sr. Director for 'curiosity and innovation'*) **eliminating review app bottleneck affecting all applications**—unblocked entire engineering organization
- Architected type-safe configuration system **continuing active development today**, refactored large portions of codebase for maintainability and scalability

Senior Engineer, Content Platform

YouVersion | Oklahoma City, OK | February 2022 - December 2023

Promoted to Staff-level responsibilities within 6 months—performed high-fidelity technical shaping for Church Posts with stakeholder praise for 'exceptional detail and accuracy.'

- Architected and delivered **Story Builder platform from concept to production in 30 days**:
 - Identified fatal flaws in proposed Airtable-only solution through cross-PM requirements analysis, **pushed back against stakeholder pressure** for wrong approach
 - Designed hybrid architecture (Airtable + custom Next.js frontend) preserving Content Team workflows while adding scalability for partner self-service
 - Delivered 2-day proof-of-concept to de-risk stakeholder concerns, **shipped full production system on original 30-day estimate**
 - Now serves **20+ enterprise partners as mission-critical platform** supporting 100% of experimental features pipeline while eliminating API team dependency bottleneck
 - *Stakeholder validation: 'Perseverance, patience and expert problem solving... not to mention speed!'*
- Built comprehensive **phased implementation plan with detailed JIRA task strategy**, demonstrating Staff-level technical shaping and project planning capabilities

Full-Stack Developer

University Hospitals & Trust | Oklahoma City, OK | 2019 - 2022

- Led technical interviews for team expansion; established code standards and architectural patterns for greenfield Angular SPA with custom Node.js/SQL backend
- Built task management, authentication, dynamic form rendering/validation, account management, and construction workflow systems **serving 20+ project workflows**

Full-Stack Developer

Envindeca | Edmond, OK | 2018 (6 months)

- Architected cross-platform (mobile/web) medical administrative system with SignalR real-time communications; implemented full SQL database with .NET Core and Entity Framework
- Created GitLab CI/CD pipelines with Azure deployments, **establishing DevOps practices** for automated builds and testing

Software Developer

Revenue Management Solutions | Oklahoma City, OK | 2017 (1 year)

- Developed OCR and billing software frontend for medical claims processing, **automating manual workflows while maintaining HIPAA compliance**
- Migrated legacy VB.NET codebase to Java Spring Boot with SQL Server/PostgreSQL backend, **modernizing critical business systems**

EDUCATION

Computer Science | *University of Oklahoma* - Data Structures C++, Operating Systems, Computer Architecture, Discrete Mathematics, Calculus II, Logic