Tom Zmyslo

Senior Software Engineer | Full-Stack | Backend-Leaning

269-823-2295 • tom@zmyslo.com • zmyslo.com • github.com/tomzmyslo • linkedin.com/in/tomzmyslo

SUMMARY

Senior Software Engineer with 10+ years of experience designing and delivering scalable, API-first platforms and modern web applications. Deep expertise in Ruby on Rails, React, distributed systems, and cloud infrastructure. Known for leading architecture decisions, improving deployment reliability, and delivering high-impact features for enterprise clients. Strong collaborator who partners with product, design, and stakeholders to ship resilient, maintainable software.

CORE COMPETENCIES

• Backend Architecture • API Design (REST/JSON) • Distributed Systems • Microservices
• Full-Stack Development • Cloud Infrastructure • CI/CD Automation • Performance Optimization
• Multi-Tenancy • Observability • System Reliability • Technical Leadership

EXPERIENCE

CAREER TRANSITION & INDEPENDENT WORK

Nov 2025 – Present

- Continuing hands-on software development through personal projects and technical exploration, focusing on backend systems, APIs, and deployment workflows.
- Supporting operations at a local brewery while evaluating next software engineering opportunity.
- Maintaining technical momentum through system design practice, experimentation, and ongoing learning.

TELUS Agriculture & Consumer Goods — Senior Software Engineer

July 2022 – Nov 2025

- Led architecture and technical design for next-generation Rebate Management platform serving 50+ enterprise customers.
- Built and maintained API-only Ruby on Rails services supporting high-volume financial workflows.
- Drove CI/CD modernization by migrating pipelines to GitHub Actions, reducing deployment time by ~40%.
- Managed production releases across multiple environments with zero-downtime deployment strategies.
- Collaborated cross-functionally with product and stakeholders to define requirements and deliver roadmap initiatives.
- Improved system reliability through monitoring, automated testing, and operational best practices.

TELUS Agriculture & Consumer Goods — Software Engineer

Oct 2019 – June 2022

- Implemented multi-tenant architecture enabling scalable onboarding of enterprise clients.
- Developed CQRS-oriented microservices improving performance and fault isolation.
- Built JSON data transformation pipeline using jq, reducing processing time by ~60%.
- Contributed to API design, performance tuning, and production incident response.
- Participated in code reviews and helped establish engineering standards.

Red Ventures — Front End Developer

Oct 2018 – Sept 2019

• Built reusable React components for enterprise design system used across multiple product teams.
• Integrated analytics instrumentation capturing millions of user interactions.
• Partnered with product teams to implement and evaluate A/B experiments.
• Improved front-end performance and maintainability through component refactoring.

deZignwright — Lead Developer

2009 – 2017

• Designed and delivered custom web, iOS, and macOS applications using Rails and native technologies.
• Led technical discovery, architecture planning, and client consultations.
• Managed infrastructure including on-premise servers, deployments, and networking.
• Delivered full lifecycle solutions from requirements through production support.
• Served as primary technical advisor for multiple client engagements.

TECHNICAL SKILLS

Languages: Ruby, JavaScript/TypeScript, SQL, Swift
Frameworks: Ruby on Rails, React, Node.js, Tailwind CSS, SwiftUI
Cloud & DevOps: AWS, Docker, CI/CD, GitHub Actions, Heroku
Data & Messaging: Redis, Background Jobs, REST APIs
Testing: RSpec, TDD, Automated Testing, Code Reviews
Practices: Agile, System Design, Observability, Incident Response

EDUCATION

Berklee College of Music — Music Studies
Western Michigan University — Business Studies
Kalamazoo Valley Community College — Graphic Design