TAYLOR DUGGER
SENIOR SOFTWARE ENGINEER

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SUMMARY

Senior full-stack engineer with 8+ years designing and delivering scalable, backend-heavy production systems and event-driven architectures. Proven technical leader who drives system architecture, establishes engineering standards, and guides cross-team initiatives from concept through production. Strong track record modernizing legacy platforms, improving system performance, and partnering with product and design to deliver high-impact customer features. Deep experience with TypeScript/Node.js services, distributed messaging systems, and React-based product development.

CORE SKILLS

- **Architecture & Technical Leadership**: Distributed System Design, Cross-Team Technical Strategy, Design Documentation & Architecture Reviews, Engineering Standards & Best Practices, Technical Mentorship & Team Enablement
- **Languages & Frameworks:** TypeScript, JavaScript, Node.js, React, React Native, Go, C#.NET, PHP
- **Backend & Data:** Kafka, RabbitMQ, PostgreSQL, MySQL, Redis, Elasticsearch, OpenSearch, Event-Driven Architecture
- **Infrastructure & Tools:** AWS, Kubernetes, Docker, Helm, CI/CD, Datadog, Prometheus, Jest, Playwright

PROFESSIONAL EXPERIENCE

Senior/Staff Software Engineer | Field Nation (Remote)   July 2019 - January 2026

- Owned architecture and technical design of a provider matching platform serving 20K+ active providers, leading migration from monolithic PHP to event-driven microservices. Reduced search-to-match time by 70% and increased successful match rate by 15%.

- Served as technical owner and code reviewer for core repository shared across 4-5 engineering teams, establishing design patterns, enforcing code quality standards, and ensuring architectural consistency. Maintained 99.9% uptime despite high merge volume.

- Technical lead for 3 engineering teams (15 engineers), establishing coding standards, design review practices, and testing frameworks. Improved team cycle time by 53% through better architectural patterns, knowledge sharing, streamlined review process, and automation tooling.

- Led development of provider subscription packages feature that introduced tiered pro features, creating a new revenue stream that contributed significantly to company growth ($500k+ in first year). Designed features, tracking, and admin tooling supporting the product launch.

- Created and delivered 10+ microservices, modernizing event-based messaging and establishing runbooks, monitoring, and automated testing that improved reliability and reduced operational incidents.

- Partnered with product and design to decompose ambiguous requirements, sequence delivery, and drive technical tradeoff decisions that kept quarterly roadmaps on track.

Technologies: *TypeScript, JavaScript, Node.js, React, React Native, Kafka, PHP, Go, MySQL, PostgreSQL, OpenSearch, AWS, Kubernetes, Helm*

Software Engineer I/Software Engineer II | C.H. Robinson   July 2017 - July 2019

- Served as engineering lead for a B2B supply chain visibility platform, contributing to system design and feature delivery that expanded the client base by over 300%.

- Led frontend modernization initiative transitioning legacy Angular application to React, improving performance, reducing page load times, and accelerating feature delivery.

- Designed and maintained backend APIs and business workflows using C#/.NET, supporting high-volume operational workflows and frontend integrations.

- Established development standards including code linting, structured pull request reviews, and consistent code organization, improving engineering quality and onboarding efficiency.

- Collaborated closely with product and UX teams to identify workflow inefficiencies and deliver customer-facing usability improvements.

Technologies: *.NET C#, JavaScript, Node.js, React, Angular, MongoDB, SQL Server, Elasticsearch, Azure*

EDUCATION

Bachelor of Science (Computer Engineering)

Iowa State University | Ames, Iowa   May 2017