

TAYLOR DUGGER

taylorsdugger@gmail.com | 402-517-7765 | Illinois, United States

STAFF SOFTWARE ENGINEER

Technical Leadership, Architecture, and Cross-Team Delivery

PROFILE

Technical leader specializing in system architecture, execution excellence, and high-performing engineering teams. Skilled in product engineering, large-scale performance improvements, delivery optimization, and driving multi-team technical initiatives from concept to production.

PROFESSIONAL EXPERIENCE

Staff Software Engineer (Team Lead)

January 2024 – January 2026

Senior Software Engineer (Team Lead)

July 2019 - January 2024

Field Nation

- Led and mentored three cross-functional engineering teams (5–6 engineers each), setting architectural direction and delivery standards that improved product stability, execution predictability, and overall engineering efficiency.
- Delivered and scaled multiple microservices, modernizing event-based messaging while establishing documentation, runbooks, automated testing, and monitoring—resulting in improved service reliability and reduced operational incidents.
- Owned the architecture and technical design of a new platform match and search experience, defining company-wide standards for event-driven architecture and UI design systems; achieved a 70% reduction in page load time, significantly improving user experience and performance.
- Built and maintained comprehensive test suites (unit, integration, and end-to-end), significantly increasing quality, reliability, and confidence across multiple repositories and core product domains.
- Improved team delivery performance by optimizing DORA metrics, reducing release and cycle time by over 53% through process improvements and delivery optimization.
- Served as Scrum Master, leading all agile ceremonies including sprint planning, backlog refinement, and retrospectives.
- Integrated AI-assisted development tools (e.g., GitHub Copilot and agent-based workflows) into daily engineering practice to accelerate implementation, refactoring, and test development while maintaining production-quality standards.

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

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PROFESSIONAL EXPERIENCE (CONTINUED)

Software Engineer II

February 2019 - July 2019

Software Engineer I

July 2017 - February 2019

C.H. Robinson

- Team engineering lead for a B2B product responsible for enhancing and maintaining a global supply chain visibility web application, expanding our client base by over 500%.
- Led the design and implementation of a full UI rewrite, transitioning from Angular to React. This overhaul aims to enhance user experience, reduce development time, decrease site load times, and address customer pain points effectively.
- Engineered and enhanced high-performance product APIs, ensuring compliance with strict SLOs and supporting critical product features.
- Developed and enforced team standards to promote consistency in development practices, implementing code linting, standardized code structure, and introducing a pull request review process to ensure adherence to best practices and enhance code quality.

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

PROFICIENCIES

Core Languages & Frameworks

JavaScript

TypeScript

Node.js

React

React Native

PHP

.NET/C#

Go

Quality, Observability & Tooling

Jest/Vitest

Playwright

Cucumber

Datadog

Prometheus

GitHub Actions

Harness

Docker

Systems & Infrastructure

AWS

Kubernetes

Kafka

RabbitMQ

Redis

Elasticsearch

OpenSearch

MongoDB

AI & Developer Tooling

GitHub Copilot

LLM-assisted

development

workflows

Evaluation of AI

libraries and

SDKs for

application

integration

EDUCATION

B.S. Computer Engineering | Iowa State University, Ames, Iowa

May 2017