

Tyler Caldwell

Engineering leader and software architect. Enthusiastic about predictable agile delivery of scalable web systems.

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EXPERIENCE

KOHO

2023–Present

Senior Staff Software Engineer: 2023–Present

Responsibilities

- Member of the back end platform team delivering core banking solutions.

Wayfair

2016–2023

Staff Software Engineer: 2020–2023

Senior Software Engineer: 2018–2020

Software Engineer: 2017–2018

Associate Software Engineer: 2016–2017

Key Accomplishments

- Led team of 10+ engineers in applying domain-driven design to deliver business capabilities using microservices using streaming, REST, GraphQL, CQRS, Event Sourcing
- Architected & led delivery of solutions for SEO & core shopping funnel
- Grew entry level ICs into tech leads, tech leads into managers

Responsibilities

- Roadmapping & planning, implementing and leading solution design review, ensuring quality of deliverables, accelerating projects with POCs & prototypes, improving development process
- Reduce risk by implementing empirical processes improving visibility & predictability of plans and work in progress
- Set measurable quality standards & gates throughout the SDLC
- Interview & lead hiring decisions across hundreds of candidates; from entry-level engineers to cross-functional directors
- Collaborate directly with cross-functional partners in product, marketing, design, business intelligence, and web analytics
- Evaluate vendors, onboard integrations

SKILLS

Languages/Frameworks

Java, Spring Boot, Go (Golang), PHP, Node.js, SQL, Express, JavaScript, React.js, CSS/SASS/LESS, Mustache

Tools & Technologies

Amazon Web Services (AWS), Google Cloud Platform (GCP), GraphQL, Docker, Kubernetes, Kafka, REST, SQL Server, Aerospike, Redis, Memcached, Jenkins

Business Domains

E-Commerce, Search Engine Optimization (SEO), Web Crawling/Scraping

AWARDS

Commonwealth Honors

Scholar with Greatest Distinction | UMass Amherst

Dean's List all semesters | UMass Amherst

PROJECTS

Every Man Jack — January 2018 – May 2018

Freelanced to build a mobile application. React using Ionic & Cordova.

REU - Mobile Machine Learning for Health — 2015–2016

Undergraduate thesis project utilizing machine learning to detect use of alcohol via streaming sensor data from a smartwatch to a smartphone.

EDUCATION

Boston University — MS Software Development

September 2017 - October 2019 | 3.8 GPA

UMass Amherst — BA Computer Science + BA Economics

August 2012 - May 2016 | 3.8 GPA | Minor in Political Science