

**Steven Ireland**  
**Staff Software Engineer**

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## SUMMARY

Highly motivated and communicative Staff Software engineer with an accomplished background in ecommerce platforms. Self-driven, passionate, and possessing a proven track record of architecting and delivering high impact systems with cutting edge technology to help the business succeed.

## EMPLOYMENT

### **Staff Software Engineer, Wayfair (Boston, MA, Remote) Jun 2021 - Present**

Senior Software Engineer, Dec 2019 - Jun 2021

Software Engineer, Jun 2019 - Dec 2019

- Architected, planned, and shipped a new GraphQL-based Server Driven UI platform leveraged by major technology groups within Wayfair, powering the homepage, landing experiences, and more.
- Designed a scalable content recommendation API alongside machine learning and personalization experts, helped align the organization on the approach through RFC's, diagrams, and tech councils.
- Coordinated between a cross functional group of business analysts, data engineers, and project managers to unify web action tracking payloads between content and other onsite elements
- Identified and implemented key performance improvements ahead of major promotional periods, reducing page load times by 80ms through thread pool optimizations and database indexing.

### **Senior Software Engineer, Vantiv, now Worldpay (Lowell, MA) May 2016 - Jun 2019**

- Delivered new features across the stack: modifying caching infrastructure, developing SQL Migrates, versioning an XML API, and displaying new information in a web reporting interface.
- Implemented platform wide payment processing changes affecting over \$900M of transactions per day via defensive programming with the ability to safely roll back.
- Integrated a new latency-prone method of payment using a RESTful API while maintaining an overall transaction SLA of 850ms using Apache Kafka and a reactive programming approach.
- Independently developed a useful in-house tool to synchronize a feature tracking system with our source control repository, reducing repetitive tasks and increasing developer velocity.

## EDUCATION

### **Bachelor of Science, Computer Science**

Worcester Polytechnic Institute, Worcester MA, 2014-2017

## LANGUAGES

- Java
- Javascript + Typescript
- Python
- SQL (DB2 / Postgres)
- HTML/CSS

## TOOLS & FRAMEWORKS

- Spring MVC
- React.js & Redux
- Docker
- Kubernetes
- Apollo Federation

## TECHNIQUES & SKILLS

- Software Architecture
- Unit Testing & TDD
- Feature Estimation
- Agile & Kanban
- Presentation experience