

Matthew DiLoreto

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Frontend expert currently growing across the full stack, specializing in React application architecture. I build simple, well-factored frontend applications with great developer tools. Code is a liability - to that end I revel in eliminating non-essentials by bringing together engineers, designers, product managers, and other stakeholders to elaborate, summarize, and build plans to address the right problems.

Education

Northeastern University

BS COMPUTER SCIENCE SUMMA CUM LAUDE
GPA: 3.9

Boston, MA
September 2016 – May 2020

Technical Knowledge

FRONTEND: Javascript, Typescript, React, (Apollo) GraphQL, NextJS, Storybook, Tailwind CSS, Styled Components
Webpack, Babel, Vite, Jscodeshift (Code Generation), Angular, Clojurescript
BACKEND: Node, Express, SQL, Scala, Clojure, Python, Java
OTHER: GNU + Linux, Emacs, AWS

Experience

Knowde

Austin, TX (Remote)

SENIOR SOFTWARE ENGINEER I - PIMS FRONTEND LEAD

January 2023 – Present

- Implemented greenfield application architecture for multi-tenant **NextJS** application using **GraphQL** and **Typescript** for a Product Information Management System
- Consistently delivered requirements ahead of deadlines, and crafted additional enhancements with Product and Design teams with a distinct focus on improving **UX**

SOFTWARE ENGINEER II - ECOMMERCE FRONTEND LEAD

July 2021 - January 2023

- Created greenfield application architecture for Ecommerce platform generating >\$1M revenue in its first year
- Developed complete prototype in **Storybook** allowing rapid iteration with stakeholders before ultimate architecture was established
- Implemented significant portions of foundational UI components in the company's internal React design system used across a **monorepo** of **micro-frontend** applications

CULTURAL LEADER

July 2021 – Present

- Introduced technology crucial to increasing the team's velocity: **React Query**, **Apollo GraphQL**, **GraphQL Codegen** for automatic type generation and maintenance, **SVGR** for automatic generation of custom icon components, and others
- Interviewed 24 frontend candidates, on-boarded 3 new frontend engineers, and presented to existing **Angular** team the fundamentals of React, wrote articles and best-practice guides, and gave in-depth code review to get them productive within weeks

Pazien

Boston, MA (Remote)

SOFTWARE ENGINEER I

August 2020 – July 2021

- Introduced React hooks to a team of 4 frontend engineers, championing functional components and complexity-reducing patterns
- Migrated all routing in a medium-sized (~150k SLOC) SPA to React Router, deprecating Marionette.js routes
- Monitored application errors in production; diagnosed, implemented, tested, and deployed hotfixes for critical frontend changes
- Developed and maintained a reactive frontend for email analytics used by an in-house marketing team
- Removed more lines of code than added during tenure while increasing overall product feature count

Harvard Catalyst

Boston, MA

FULL STACK SOFTWARE ENGINEERING CO-OP

July 2019 – January 2020

- Extended and maintained a Scala backend for SHRINE, a message-oriented distributed medical data query system to help researchers identify potential clinical trial participants
- Prototyped and refined responsive UI/UX components such as a medical concept tree supporting over 2 million nodes using React and Redux (via Redux-Saga)
- Integrated system-wide custom logging configurations with Log4j and Logback; simplified complex application startup interaction with Apache Tomcat by developing task-scheduling abstraction

PowerAdvocate

Boston, MA

SOFTWARE DEVELOPER CO-OP

July 2018 – January 2019

- Designed 12 unique data visualization interfaces for a supply chain spend management platform using React and Java Spring
- Developed integration tests using Selenium Web Driver and Puppeteer