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   *Boston, MA*

BS COMPUTER SCIENCE SUMMA CUM LAUDE   *September 2016 – May 2020*

GPA: 3.9

Experience

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

Knowde   *Austin, TX (Remote)*

SENIOR SOFTWARE ENGINEER - 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**

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