Jessye Coleman-Shapiro

github.com/jessyec-s
cjessye@gmail.com

EXPERIENCE

Software Engineer — Factored Quality

August- 2023 - October 2024

> Led the planning and implementation of the document manager feature that enables customers to reuse and track files across the FQ NextJS React app.

> Created the infrastructure to enable customers to view, manage and pay Quickbooks invoices within the FQ app.

> Redesigned the booking SKU model to significantly reduce schema complexity and visibly improve the app's load time.

> Rewrote and refactored the Elixir Phoenix based FQ app to React and NextJS.

Software Engineer — Top Hat Monocle, Inc.

May 2021 - August 2023

> Designed and developed a reliable backend (Python) system to propagate updates to textbook adopters asynchronously.

> Created a performant and accessible (WCAG 2.1 standard) content diffing view for textbook adopters in Typescript using React.

> Led observability initiatives to refine the monitors, alerts and dashboards for my team's services in Datadog and CloudWatch.

OpenJDK Engineer — Red Hat, Inc.

May 2019 - August 2020

> Improved the usability of **JMC**, an open-source tool suite for the JVM.

> Developed the JMC Plugin that manages the JMC Agent lifecycle and controls an agent's behavior.

> Created new JMX operations for the **JMC Agent** that allow users to interact with their applications at runtime.

Software Engineer Intern — Helpful

Summer 2018

> Enhanced the Dialog React app audio experience through the implementation of Twilio's programmable video service.

Software Engineer Intern — Block, Inc.

Summer 2017

> Created a script that identifies problematic domain crossovers in a Netlist

EDUCATION

University of Toronto

Bachelor of Applied Science and Engineering,
Computer Engineering

SKILLS

Languages

Typescript, Python, Elixir, SQL, C, C++, Java, Go, JavaScript

Frameworks

Phoenix, Django, FastAPI, Spring, Node

Other

GPT-4o mini, NextJS, Node.js, React, Prisma, AWS, Docker, PostgreSQL, Datadog, React Query, Inngest, LiveView, Redux, Linux

AWARDS

JMC Author 2019

Received author status for the open source project JDK MIssion Control

INTERESTS

Traveling, Drawing, Frisbee