

Trevor McDougald

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Skills

Frontend

TypeScript, React, VueJS, D3.js, Apollo Client, Mobx, Redux, CSS

Backend

Node.js, Express.js, GraphQL, Python, Java Spring, Maven, DynamoDB, PostgreSQL

Concepts

UI / UX, Serverless, CI / CD, Wireframing, Web APIs, Cloud Concepts

Tools

AWS Services, CloudFormation, Docker, GIT, Figma

Work History

SDE II [Amazon](#)

Apr 2022 — Present

- Lead on release of greenfield internal web app that received positive feedback
- Domain expert on **DevOps**, **AWS**, and **React.js** in team of twelve. Mentored interns and team on development best practices.
- Responsible for team **UI / UX**. Designs increased funding from 1 internal organization to 6
- Maintained team's cloud infrastructure with **CDK**. Saved 3k in monthly service coast, implemented monitors and alarms

SDE I [Amazon](#)

Aug 2020 — Apr 2022

- Moved frontend hosting to Route53 & **CloudFront** distribution. Newly hosted app loaded 6x faster than previous
- Batch processed system metrics for 1k environments with **Boto3** and **PyGreSQL** Python scripts.
- Created charts and pivot tables with **D3.js**, **SVGs** and **React**. Rendered over 9k SVG elements and a pivot virtualized table with 300k root rows
- Added **Redux** & **Apollo Client** to improve UI / UX - removed 60% unneeded request with lifted state.

Jr SDE [Applied Concepts](#)

Feb 2020 — Aug 2020

- Replaced an old CRM with a **TypeScript VueJS** web app
- Implemented a **Spring Boot** REST API

Projects

Open Source Contributions

Aug 2018 — Present

- Helped resolve issues for leading React/D3.js frameworks
- Contributed to community maintained Amazon packages

Education

Texas State University

Aug 2017 — Dec 2019

B.S. Computer Science Minor: Applied Mathematics