

SAMUEL FRY

(801) 473-9449 - samuel.fry13@gmail.com
samueelfry.com

Skills

Languages and Frameworks

4 years exp:

- Typescript
- Javascript (ES6)
- React
- HTML/CSS/SCSS

1 - 2 years exp:

- Node / Express
- Java
- SQL
- Redux

0.5 - 1 years exp:

- MongoDB
- Python

Testing

- React Testing Library
- Jest
- Testcafe

Tools/Programs

- Chrome/Firefox Dev Tools
- Git/Github
- Docker
- Kubernetes
- Bash/Shell

Employment

Jan 2022 – May 2022

Software Engineer II, *Cameo*

- Iterated, developed, tested, and maintained the frontpage and profile pages of the cameo.com website
- Developed and pushed forward better testing strategies to reduce tech debt while refactoring

May 2021 – Jan 2022

Software Engineer, *Principles: A Ray Dalio Company*

- Worked with designers to bring to life the principles of Ray Dalio through SaaS
- Helped iterate designs, and work through feedback to produce high quality user experiences
- Built reusable, highly testable components using React/Typescript/Redux
- Integrated with CI/CD to automate testing through Github Actions to maintain high uptime and ensure high quality code

March 2019 – May 2021

Full Stack Developer, *ZSoft, Inc.*

- Helped to build new web solution for management of 4h groups nationwide in React
- Iterated on previously built recordkeeping software for integration into a new system
- Helped maintain and iterate upon a RESTful API through a Java backend for seamless interaction with the database from the front end
- Built from scratch a Learning Management Software (LMS) to work with SCORM standards to integrate into a new system
- Maintained high productivity while transitioning to work from home/in office hybrid working conditions

May 2017 – August 2018

Assistant to Head of IT, *J. Rueben Clark Law School, BYU*

- Wrote scripts in Perl that programmatically downloaded and sorted through over 1 billion words to be analyzed and processed to be loaded into the Corpus Linguistics Database to help understand historical context for wording in law making
- Optically analyzed more than 36,000 court briefs to filter and censor keywords from the public database

Education

August 2016 – August 2020

Bachelor of Science in Computer Science, *Brigham Young University*

Personal Projects / Extracurricular Activities

- Maintain my own self-hosted server using Docker, NGINX, and Certbot
- Built a searchable image database for a costume reference archive to organize, tag, and view reference images for use in costume design using Strapi CMS and React/Javascript
- Helped build a mobile game with a friend in Unity with scripts in C#