

DEREK LOUIS

SOFTWARE ENGINEER

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I am a full stack software engineer with a particular passion for working on the front end. I love bringing designs to life, making applications beautiful, and creating easy and enjoyable user experiences. My technical experience is augmented by the leadership, responsibility, and creative thinking cultivated from my past career in the music industry.

PROJECTS



[Portfolio Website](#)



[GitHub Profile](#)



[LinkedIn Profile](#)

SKILLS

Languages/Frameworks

JavaScript
React
Redux
Express
Node

Technologies

PostgreSQL
Sequelize
Socket.io
Firebase
Three
D3

EDUCATION

Fullstack Academy

Certificate in Full Stack
Engineering
2020-2021

Berklee College of Music

Bachelor of Music
(Paused)

Viditia (JavaScript, React, Redux, Firebase, D3)

(Team of Four) [Deployment URL](#) || [GitHub Repository](#)

- Utilized Firebase NoSQL database and D3 to create interactive data visualizations

Pasta Friends (JavaScript, React, NHL API, PWA, Firebase)

(Sole Developer) [Deployment URL](#) || [GitHub Repository](#)

- Used the NHL API to deliver PWA compatible hockey stats and live game updates

Bass Station II (JavaScript, React, CSS, Firebase)

(Sole Developer) [Deployment URL](#) || [GitHub Repository](#)

- Built a Photorealistic / functional UI recreation of classic synthesizer in pure CSS

Space Quiz (JavaScript, React, Firebase)

(Sole Developer) [Deployment URL](#) || [GitHub Repository](#)

- Created an interactive scale model solar system with React and vanilla CSS

Reunion (JavaScript, React, Redux, Express, Sequelize, PostgreSQL, Node, Heroku)

(Team of Seven) [Deployment URL](#) || [GitHub Repository](#)

- Constructed a full stack application to manage events, activities, and guests

Game Night (JavaScript, React, Socket.io, Express, Sequelize, PostgreSQL, Node)

(Sole Developer) [Deployment URL](#) || [GitHub Repository](#)

- Employed Socket.io to provide users with real-time interactions / updates

Window (JavaScript, Chrome Extension, Axios)

(Sole Developer) [Project Overview](#) || [GitHub Repository](#)

- Set up OpenWeatherMap API to create weather animation renderings

ClickUp Figma (HTML, CSS)

(Sole Developer) [Project Overview](#) || [GitHub Repository](#)

- Developed a static figma into a responsive web page with pixel perfect accuracy

Grace Chopper (JavaScript, React, Express, Sequelize, PostgreSQL, Node)

(Team of Four) [Deployment URL](#) || [GitHub Repository](#)

- Produced a full stack eCommerce store with guest / user accounts and OAuth

D3 Tutorial Publication (JavaScript, React, D3)

(Sole Developer) [Deployment URL](#)

- Published a tutorial for creating a dynamic chart with D3 and React