

# 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.

## EDUCATION

**Fullstack Academy**  
Certificate in Full Stack Engineering  
2020-2021

**Berklee College of Music**  
Bachelor of Music  
(Paused)

## SKILLS

### Languages/Frameworks

JavaScript  
React  
Redux  
Express  
Node

### Technologies

PostgreSQL  
Sequelize  
Socket.io  
Heroku



[Portfolio Website](#)



[GitHub Profile](#)



[LinkedIn Profile](#)

## PROJECTS

**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, Heroku)

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

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

**Space Quiz** (JavaScript, React, Heroku)

(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

## WORK EXPERIENCE

### Tour Manager

*Crystal Bowersox / 2015-2018*

- Managed travel logistics, finances and communication for over 100 shows per year
- Reduced payroll expenses by 20% through hiring multi-purpose tour personnel
- Handled tour revenue of over \$100,000 per year, creating detailed financial reports
- Served as liaison between dozens of promoters, production managers and business partners simultaneously

### Professional Musician

*2012-2020*

- Eight plus years of touring the world, performing in hundreds of cities
- Hired by successful artists such as Crystal Bowersox, Sarah Potenza, Devon Gilfillian, Rick Barton, and many more