

PAUL STONEBRAKER

SOFTWARE ENGINEER

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

React, Redux, Ruby, Rails, Linux, Javascript, HTML, CSS, SQL, SQLite3, Mongoose, MongoDB, Node.js, Express.js

PROJECTS

PhanCamp (ReactJS, Redux, Ruby on Rails, PostgreSQL)

[live](#) | [github](#)

A bandcamp clone where you can download, upload, and stream music

- Utilized BCrypt to create a full front-end/back-end user authentication process
- Employed an API to stream audience recordings of live music (incomplete)
- Built framework for user download/upload of music files, utilizing Amazon Web Services (AWS) (incomplete)

Progress Slacker (Mongoose, MongoDB Express, React, Node.js, canvas)

[live](#) | [github](#)

A meme creator with ability to upload pictures of friends to meme

- Oversaw a team of three other software engineers, coordinating even sharing of responsibilities and ensuring completion of tasks by appropriate deadlines
- Overhauled our front and back end to store user created images as strings, maximizing efficiency in both storage and rendering
- Engineered Restful APIs using Express and Axios

Space Dad (Javascript, Canvas, Aseprite, Pixelorama)

[live](#) | [github](#)

A turn-based card game created using Vanilla JS and Canvas

- Produced multiple non-player characters with logic that decides their action dynamically based on in-game conditions
- Generated multi-frame assets with Aseprite and Pixelorama, utilizing canvas to display smooth animations
- Utilized Javascript to dynamically create a player's deck based on their choice, then randomly draw from their shuffled deck

EXPERIENCE

Kitchen Manager

Feb 2018 - March 2020

Social Media Manager

Sept 2012 - April 2017

Gilly's Craft Beer & Fine Wine

- Implemented shortcuts in POS that increased employee efficiency at the terminal by over 200%
- Ensured flawless ownership transition, moving to a new role as kitchen manager. Created new systems that decreased ticket-times in the kitchen by 30%. Negotiated with vendors and designed new inventory system that saw a decrease in costs by 20%
- Trained new hires in POS use, guest interaction, and inventory management

Territory Sales Manager

May 2017 - Jan 2018

Jailbreak Brewing Company

- Revitalized existing accounts, growing sales in a very competitive local-beer market
- Planned events from small business tastings to outdoor street festivals
- Fielded inquiries from customers and resolved issues

EDUCATION

Web Development - App Academy | Immersive 16-week web development program; 1000+ hours of coding | Feb 2021

BS Geology Courses Taken - University of Montana | 2010 - 2011

BA Music Courses Taken - SUNY-Stony Brook | 2007 - 2008