

DOUGLAS BERNSTEIN

FRONTEND / BLOCKCHAIN DEVELOPER

DETAILS

PHONE

415.430.5430

EMAIL

Odouglasbernstein@gmail.com

LINKS

[LinkedIn](#)

[Portfolio](#)

[Github](#)

SKILLS

React

JavaScript

Solidity

Node.js

MongoDB

Express

HTML5 & CSS3

Empathy

Critical Thinking

Adaptability

Ability to Work in a Team

Interpersonal
Communication

EDUCATION

University of Texas at Austin

COURSES

Frontend Career Path at
Scrimba

Responsive Web
Design, Algorithms and
Data Structures at
freeCodeCamp

FEATURED PROJECTS

Web3 Voting dApp

Using the inherent security and immutability of blockchain data, this dApp solves election mistrust issues. I wrote a smart contract in Solidity, deployed it to the Kovan testnet and developed a frontend in React for end-users to interact with. The logic in the smart contract prevents unauthorized users from voting and disallows multiple votes from users.

Web3 Password Generator

A web3 React app that generates a provably-fair and verifiable random password by calling on a smart contract I deployed. It uses the Chainlink VRF as it's source for randomness. Traditional computer generated "randomness" is deterministic by nature and relies on trust whereas my app's randomness is verified on-chain and cannot be tampered with, ensuring a completely truthful transaction. Knowledge of React Hooks, Solidity smart contracts, ethers.io, Metamask and login state were all implemented in the development of this app.

Portfolio App

A responsive and visually enticing [React app](#) used to showcase various projects I built. Use of React Hooks, React-Router-DOM, CSS 3d Transforms and extensive use of React props all ensure the end result is scalable and uniform.

Trout Counter Component

Working in collaboration with Wackypuppy, this web component counts and updates in real-time the number of wild fish saved from becoming fish food by a single trout farm using advanced aqua farming practices. The logic was written in JavaScript and relies on the Unix epoch as it's foundation.

API Dashboard

This Google Chrome extension was built to replace the default landing page in Chrome. By implementing a number of RESTful API calls the extension displays custom information. This served not only as a tool to collect and display information, but also as an exercise in using APIs and JSON data.

EMPLOYMENT HISTORY

Frontend Developer

Texopolis Built, Berkeley, CA 2021-present

- Contract work centered around designing and deploying clear, clean and responsive websites
- Maintained up-to-date knowledge of tech stack and best-practices when writing smart contracts

Executive Chef

FISH. Sausalito, CA 2012-2021

- Optimized efficiencies to grow annual sales from 3.8m to 4.7m while maintaining budgeted food and labor costs
- Developed and implemented standard operating procedures and oversaw welfare and training for a staff of 50