

Colin Mosley

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[GitHub](#) | [Website](#) | [LinkedIn](#)

SOFTWARE ENGINEER

Carrying over from my previous career in Petroleum Engineering, I have proven skills in on my feet problem solving, adapting to get the best results, and executing highly technical projects to high client satisfaction. Now as a Software Engineer, I take this same logical approach to creating clean, scalable code.

TECHNICAL SKILLS

Ruby on Rails | Javascript | React | Redux | HTML5 | CSS3 | SQL | Python | JWT | PostgreSQL | Git/GitHub

TECHNICAL PROJECTS

Demolition Nutrition - [GitHub-Frontend](#) | [GitHub-Backend](#) | [Demo](#)

A website that allows users to track their diet/exercises and perform advanced searches for food to meet dietary requirements.

- HTML | CSS | JS | React | Bootstrap | Nutritionix API | Geocoding API | Ruby on Rails | PostgreSQL
- Utilized JSON Web Tokens and localStorage to store encrypted user information client-side

Mos Bros Casino - [GitHub-Frontend](#) | [GitHub-Backend](#) | [Demo](#)

A website that helps teach users how to play blackjack “by the book” and shows the odds of a dealer/player busting on any particular hand, as well as the recommended action (hit or stay).

- HTML | CSS | JS | React | Ruby on Rails | PostgreSQL

Maze Monkey - [GitHub](#) | [Demo](#)

A SPA that lets users explore mazes built with recursive division, as well as view the leaderboard and their own high scores.

- HTML | CSS | JS | Ruby on Rails | PostgreSQL

Millionaire - [GitHub](#) | [Demo](#)

A Ruby CLI application that allows the user to play a game similar to the popular “Who Wants to Be a Millionaire?”

- Ruby | ActiveRecord | SQLite3 | TTY-Prompt | Colorize | Open Trivia DB API

WORK EXPERIENCE

CALFRAC WELL SERVICES, San Antonio, TX

Field Engineer

March 2018 – April 2020

- Provided technical support to customers on job site; performed real time data analysis and made recommendations based off trends and incoming data
- Increased client service quality to over 95% through strict quality assurance testing, solution-driven consultations and technical analysis of frac data

HALLIBURTON ENERGY SERVICES, Rock Springs, WY

Field Engineer

Feb. 2017 – March 2018

- Provided technical support to customers on job site; continuously identified opportunities and made recommendations for improvements to field operations
- Performed real time data analysis to interpret how the formation reacts to the frac

EDUCATION

FLATIRON SCHOOL

Immersive Software Engineering Program

July 2020 – Oct. 2020

Austin, Texas

- 15-week program developing skills in Ruby on Rails, Javascript, and React through completion of multiple projects and pair programming

THE UNIVERSITY OF TEXAS AT AUSTIN

Bachelor of Science, Petroleum Engineering, May 2016

- Overall GPA: 3.54/4.00