

Micah Mosley

6300 S Congress Ave, Austin, Texas | 469-442-7032 | micah.mosley@utexas.edu

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

FULL-STACK DEVELOPER

Coding bootcamp graduate with past engineering experience. Focused on full-stack web development having built several full-stack projects including a fully functional sportsbook. Specializes in React with Ruby on Rails. Strengths include problem-solving and adaptation which were honed through the completion of challenging technical projects as a field engineer.

Technical Skills

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

Technical Projects

MoneyMaker [Github-Frontend](#) | [Github-Backend](#) | [Demo](#)

A full-stack online sportsbook where users can place bets on their favorite sporting events.

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

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

A full-stack web app that teaches users how to play blackjack 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

Pokemon-Lite [Github](#) | [Demo](#)

A full-stack turn-based game where users select a roster of pokemon and battle other trainers.

- HTML | CSS | JS | Ruby on Rails | SQLite3

Trivia Tumble [Github](#) | [Demo](#)

A Ruby CLI application game where questions “fall,” down the screen and must be answered before they hit the “floor.”

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

Work Experience

Calfrac Well Services | FIELD ENGINEER

March 2018 – April 2020

- Set up and utilized real-time remote data monitoring system (MRL) and data acquisition system
- Operated charting software to display data and plots that customer requested during operations
- Part of leadership team on location making dynamic adjustments to pump schedule using real-time data

Halliburton Energy Services | FIELD ENGINEER

May 2017 – March 2018

- Created post-job reports for customer
- Edited CSVs to fill in gaps in data and display only requested data
- Analyzed prior job data to make adjustments to pump schedule for subsequent jobs

Education

Flatiron School Immersive Software Engineering Program

July 2020 – October 2020

- 15-week program spent 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 3.50/4.00