

Matthew McKnight

Fullstack Engineer

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Summary

Motivated and resourceful developer with experience working with software development teams asynchronously. Previously worked as a diesel locomotive electrician with 9 years of experience.

Skills

JavaScript, Python, HTML5, CSS, Ruby on Rails, React.js, React-Redux, Mongoose, MongoDB, Express, Node.js, Axios, Heroku, Git/Github, PostgreSQL, Restful API.

Project

- Connect the Dots - A March 2021 General Assembly Small Business Hackathon project that my team built out and won the Hospitality/Travel/Services category with; was built with MERN stack. My team created a presentation prototype of a tutor matching site that would allow school representatives or parents to try to cut through the get-to-know student phase and find a tutor who can really help in specific areas.
- Athenaeum - Capstone project is a Goodreads style Full Stack website where users can track books in their library or books they want to read. Created using React for frontend and Ruby on Rails for backend, hosted on Heroku and Surge.
- Hardware Store - A group project between my SEI cohort and a fellow UX cohort where we were tasked with making a mock store based on given specs using React for frontend and Express and Mongo for the backend.
- Roll-a-dex NPC Generator- Used React, and Airtable to create an API database in which users can generate a random RPG non-player character or, create a new one that is added to the database for others to use.
- Pokedex- Implemented plain JS, CSS, HTML to make a REST API site that allows users to search up general information about a Pokemon based on name or ID number.

Experience

SOFTWARE ENGINEER IN TRAINING, GENERAL ASSEMBLY; REMOTE 2020

Completed a 12-week immersive program, learning Front-end and Back-end Engineering; Completed 4 major software projects by collaborating with other developers and working independently.

DIESEL LOCOMOTIVE ELECTRICIAN, UNION PACIFIC RAILROAD; FORT WORTH, TX 06/2011-06/2020.

Where I learned how to read technical documentation including third-party documentation, team communication, train new hires, and work in project deadlines.

