William Moroney

Full-Stack Software Engineer

About Me

I'm a full-stack software engineer in Chicago with a background in music, writing, and teaching. I fell in love with coding because it gives me opportunities to solve difficult problems and be creative every day.

General Assembly SE Intensive

500+ hours of instruction and pair/group programming to learn web and software development fundamentals. Built projects with HTML/CSS/JavaScript, MongoDB, PostgreSQL, Express, Python, and React, and more.

Projects (see **portfolio** for details)

Mario Party – a culmination of fundamental HTML, CSS, and JavaScript skills. Used many timing functions to control CSS grid positions and CSS animations. Currently revamping this into a more substantial game with HTML canvas, React, and Tone.js (for sounds).

Music Library – a backend application with authentication that uses Express, Node.js, EJS, PostgreSQL, Heroku, and the Spotify API. Users can make an account and make calls to Spotify API, add albums to their library, make playlists, and view metadata.

Chirper – full-stack Twitter clone using MongoDB, Express, React, Node.js, and Bootstrap. Worked in a group to practice agile development.

Experience

2019 – Present

Found Chicago Boarding and Training

Manager/Team Lead

Managed a dog care and training facility. Trained new employees, dealt with emergencies, communicated with clients, and led daily operations. Developed systems for how teams should be led to work in a positive, productive manner.

2016–2019

Content Writer

Worked for several different website companies, wrote 2000+ words of high-quality blog and SEO content per day, edited peers' work, researched and catered to clients in the automotive, medical and legal industries.

Contact

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portfolio.billymoroney1.vercel.app

Skills

Web Fundamentals
HTML, CSS, JavaScript

Database/ORM
MongoDB, PostgreSQL, Mongoose, Sequelize

Backend
Express, Node.js, Flask, Heroku

Frameworks
React, NextJS, Tailwind, Bootstrap, Materialize

General Programming Languages
Python, Java, C++

Version Control
Git, GitHub

Education

August 2020 – Feb 2021

General Assembly
Software Engineering Intensive

August 2012 – May 2016

Northern Illinois University
B.A.s in Music and English