

John Sebastian McKelvey

Software Developer

Software developer with a background in audio engineering and music production. I'm passionate about solving complex technical problems, as well as creating beautiful user interfaces and experiences. My goals are to continue honing my skills as a full-stack developer whilst educating myself with the latest web technologies.

Development Projects

[RUN//CMC: Capstone Project](#)

RUN//CMC is an online community that hosts "curated music collages." Inspired by topsters, this site allows users to create collages of their favorite albums, discover new music and discuss their favorite albums and collages. This full-stack application utilizes Java EE, Spring Boot, Thymeleaf and MySQL on the back-end, as well as JavaScript and Material Design for Bootstrap on the front-end. In addition, we integrate the Spotify Web API which uses the OAuth2 protocol. This project is deployed as a DigitalOcean Droplet and can be viewed at <https://www.run-cmc.net>.

[AdLister](#)

An online board where users can view and post ads of items for sale. Full-stack web application utilizing Java, JSPs, JSTL, AJAX, jQuery and Bootstrap designed in an MVC pattern. Planned, designed and executed as a group project.

[Weather Map Project](#)

A web application that displays real-time weather data and a five day forecast for any location specified by the user, either through search bar functionality or location pin drop. This project utilizes HTML, CSS, jQuery, AJAX, and the OpenWeatherMap and Mapbox APIs.

Professional Experience

Composer & Producer - San Antonio, TX


Feb 2017 - Current

- Compose and arrange music for advertisements on TV and the web, as well as produce songs for individual artists
- Determine instruments, musical styles, rhythms, and patterns that would most effectively evoke the desired responses
- Used a combination of hardware and software to capture and edit musical performances
- Collaborate with clients to bring their creative vision into a final product

Performing Musician - Phoenix, AZ

Dec 2014 - Feb 2020

- Played as a guitarist and bassist in several professional cover bands
- Performed in several settings and venues across the continental U.S. including corporate events, festivals, weddings, military bases, schools and casinos

 (210) 849 1127

 sebastian.mckelvey@gmail.com

 [LinkedIn/JohnSebastianMcKelvey](https://www.linkedin.com/in/JohnSebastianMcKelvey)

 [GitHub/JohnSebastianMcKelvey](https://github.com/JohnSebastianMcKelvey)

Technical Skills

HTML, CSS/Sass, Bootstrap,

JavaScript, jQuery,

Java SE, Java EE (Servlets, JSP),
Spring, Thymeleaf, MySQL, OAuth2,

Object-Oriented Programming,
Test-Driven Development, Version
Control with Git, Paired Programming

Exposure to: React, Express, Node,
MongoDB, three.js

Education

Codeup

Certificate of Completion

Jun 2021 - Jan 2022

A fully-immersive, project-based, and intensive 22-week Full-Stack Java career accelerator that provides students with 670 hours of expert instruction in software development.

Conservatory of Recording Arts & Sciences

Certificate of Completion

Jan 2013 - Dec 2013

A technical school that provides a 48-week hands-on education in audio engineering, music production, live sound, music business, and video game audio. Students must complete an in-field internship before graduation.