

# Matthew Baker

## Software Developer

Solution driven, full-stack software developer looking to solve real world business problems with technical solutions. As a former repair technician, I have cultivated a passion for problem solving and collaborating with others to brainstorm unique solutions to any challenges in my path. Transitioning into software development has proven to be the best decision of my life as it has ignited the same level of passion for solving problems but in a new way.

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## Technical Skills

HTML - CSS - Bootstrap - Materialize CSS - JavaScript - jQuery - Java SE - Java EE - Spring - MySQL - Thymeleaf - Object-Oriented Programming - Test-Driven Development - Version Control with Git - Paired Programming

### **Exposure to**

React - Python - Node JS

## Development Projects

### **PodLobby**

PodLobby is a social media application designed to be a central location for like-minded podcast enthusiasts to get together and collaborate on new ideas. PodLobby allows users to easily share their favorite podcasts while being able to find guest speakers for any podcasts they may be working on. As a registered user, podcasters can add their podcasts to the site, get recommendations from the site to discover new podcasts, listen and comment on other users' creations. This application was built using Java, Springboot, MySQL, Materialize CSS, JavaScript, HTML and the Filestack API.

### **Comrade Snifter**

Comrade Snifter is a group project comparable to Craigslist. This full stack website uses java and the MVC design pattern. Users can create an account, login, post and update drinks (ads), as well as search through all existing drinks. Registered users can view additional information while being able to add, rate, edit and delete drinks on the site. MySQL was used to maintain the database of users and drinks. Built using JAVA, MYSQL and Bootstrap.

### **Sorting Visualizer**

Sorting Visualizer is an application used to visualize the process of different sorting algorithms. Made using HTML canvas and JS, a user can select from different algorithms, cycle speed, amount of towers and various number ranges and animate the sorting process. Building this application helped me understand how time complexity differs between algorithms.

### **Flash Cards**

Flash Cards is an application built with a fellow classmate that allows users to upload custom flash cards to a JSON server for any other users to then use and study the material. The site was created to help provide quality material to myself and my fellow classmates as we progressed through Codeup. Built with JS, HTML, CSS and Glitch JSON server.

### **Master Mind**

Master Mind is a project based off of one of my favorite board game from the 70's. Using Html, CSS, JS and jQuery this is a recreation of this classic game with added features to change the difficulty by allowing the user to choose different amount of color choices to play from. While working on this project throughout my time at Codeup, I learned how to refactor old code and diagnose bugs to improve an old project as well as taking in feedback and improving UI. Built using HTML, CSS, JS and jQuery.

## Professional Experience

### **Field Technician**

MDW Power Systems, Poteet, TX / Aug. 2018 - Jul. 2020

- Maintained company assets and proper time management while leading independent team

- Documented status of company assets and scheduled service repairs on a daily basis
- Analyzed, assessed and troubleshooted needed repairs with independent team on an on-call basis
- As a team leader I developed and implemented a new four shift work schedule for the team

### ***Automotive Service Technician***

**Bavarian Auto Repair, San Antonio, TX / Jun. 2017 – Aug. 2018**

- Analyzed and assessed issues with customer vehicles to ensure proper repairs are made
- Calculated and designed vehicle diagnostics using test plans
- Communicated, directed and completed job order with independent team while meeting necessary deadlines
- Implemented and maintained process checklists and documentation

## **Education**

### ***Codeup***

**Certificate of Completion / 2021**

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.

### ***Lincoln College of Technology***

**Certificate of Completion / 2014**

13-month automotive technical program focusing on new technologies and procedures in the auto industry