

James McBride

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Energetic software development student with a mechanical engineering background and several years of problem solving experience. Switching to focusing solely on software has re-ignited my passion to design and develop new projects, and keeps me excited to learn new technologies every day. With strong technical skills and a background in project management, I look forward to tackling complex projects for my future employer.

TECHNICAL SKILLS

- JavaScript
- React
- Java SE
- MySQL
- Java EE (Servlets, JSP)
- Spring Boot
- Thymeleaf
- React
- Test-Driven Development
- Paired Programming
- CSS
- JQuery
- Object-Oriented Programming
- VCS with Git
- Bootstrap

DEVELOPMENT PROJECTS

Trippi Travel Spring Boot Project

Full-stack Spring-Boot web application giving users full CRUD functionality to create travel groups, and collaborate on trip planning. Google maps/places APIs were implemented to find venues in selected locations. Technologies used: HTML, CSS, Javascript, Java, MySQL

Adlister Java Project

Adlister is a back end focused imitation of craigslist using Java, MySQL, servlets, and Tomcat to deploy the project. Any user with a login has CRUD functionality for themselves in regard to their profile and Ads.

Movie React Project

React App that contains movie information for streaming services, with multiple free APIs used to store details in a JSON server. Users are able to search movie availability, and add movies to an individual or group watchlist.

PROFESSIONAL EXPERIENCE

Toyota Motors Manufacturing Texas - San Antonio, TX

DESIGN ENGINEER | 06/2019 to 10/2020

- Collaborated with the assembly team in a fast-paced design environment to develop safety or production critical line changes.
- Given a 48 hour window to analyze customer requirements, design assembly changes, create drawings, and work with fabrication-shop to build & install assemblies.

Cosma International, Magna International - Troy, MI

PRODUCT ENGINEER | 06/2017 to 06/2019

- Collaborated with manufacturing divisions to improve Chrysler/GM proposed designs during the quoting process, and then managed the projects from design development through production start.
- Project manager for a global program producing upwards of 500,000 rear suspensions cradles annually.

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.

University Of Louisiana - Lafayette

Bachelor of Science | Mechanical Engineering

2017

GPA: 3.87