

# EDGAR ZAMBRANA

## Full Stack Software Developer

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### OBJECTIVE

With an unwavering passion for technology and software development, I aim to contribute innovative solutions, embrace diverse perspectives, and foster a harmonious blend of creativity and eagerness to make a meaningful impact on my team.

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### TECHNICAL SKILLS

Java, JavaScript, HTML, CSS, TypeScript, PostgreSQL, Angular, Bootstrap, Spring Boot, RestAPI, TDD Testing, BDD Testing, VS Code, IntelliJ, Gherkin/Cucumber, Git, GitHub, Command Line Interface, H2 Database, JUnit Testing, MacOS, Windows.

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### PROJECTS

General Assembly, Remote

03/2023 – Present

#### Formula Zero Full-Stack Application

- Developed a full-stack Angular application focused on Formula 1 racing experiences, enabling customers to explore various races, tracks, prices, and available dates and times.
- Implemented a cart functionality, allowing customers to add experiences to their cart and proceed with checkout.
- Ensured seamless user experience and visually appealing design by adhering to UX/UI principles and utilizing technologies such as HTML, CSS, TypeScript, and Bootstrap.
- Leveraged Java, Spring Boot, H2 Database, and RestAPI for back-end development, integrating robust functionality and maintaining data consistency, with comprehensive JUnit testing for quality assurance.

#### Real Estate API

- Developed a Java back-end application with Spring Boot and H2 Database to create a REST API for a simulated real-estate application.
- Collaborated in a team of three, employing paired programming methodology while implementing advanced features such as authorization and JWT token authorization.
- Utilized Cucumber automated testing to ensure comprehensive testing of scenarios and step definitions.

#### Wayfarer Travel Agency

- Collaborated on developing "Wayfarer," a mock travel agency website, utilizing the Angular front-end framework, HTML, CSS, UX/UI Wireframes, and TypeScript.
- Constructed a dynamic single-page application, showcasing Angular functionalities such as modules, components, routing, nested routing, directives, and the use of services.
- Implemented city browsing and search features, enhancing user experience by enabling exploration of available destinations offered by Wayfarer.

#### Tic, Tac, Toe! Online Game

- Leveraged JavaScript to develop an interactive tic-tac-toe game with features including an interactive board, turn updates, and game result tracking, while strengthening JavaScript proficiency and deepening understanding of JavaScript-DOM interplay.
- Employed HTML, CSS, and JavaScript languages extensively throughout the project, creating a fully functional application.

### **Rock, Paper, Scissors Console Game**

- Developed a Java console application based on 'Rock, Paper, Scissors', emphasizing object-oriented programming principles, featuring 'player vs. player' and 'player vs. computer' game modes with a user-friendly main menu.
- Implemented an intuitive main menu providing options to start the game, view previous winners, and gracefully exit the application, enhancing user experience and engagement.

## **WORK EXPERIENCE**

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United States Postal Service, Tampa, FL

11/2020 – 12/2022

### **Motor Vehicle Operator: Certified Forklift Specialist**

- Enhanced inventory flow by efficiently working through inventory and ensuring necessary capacity corrections, processing over 40,000 packages a day.
- Led cross-functional teams, ensuring on-time movement of thousands of mail packets to meet metrics while fostering a connected and supportive environment. Recognized as a positive and enthusiastic team anchor, promoting cohesion and positivity.