

Carlos Salguera

Indianapolis, IN | 463-279-4096 | carlos.e.salguera@gmail.com
[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SOFTWARE ENGINEER

As a Software Engineer, I am passionate about learning and implementing new technologies to design, develop, and maintain efficient and scalable web applications. With knowledge of both SQL and NoSQL databases I am able to optimize data access and retrieval. My recent completion of an in-depth coding bootcamp curriculum has equipped me with industry-standard development practices and strategies. I am currently expanding my skill set by learning Java and am excited to apply my knowledge to create high-quality software solutions. Prior to transitioning to the tech industry, I gained valuable customer service experience in food service, and am fluent in both English and Spanish, allowing me to effectively communicate with diverse audiences.

TECHNICAL & INTERPERSONAL SKILLS

Languages: TypeScript, JavaScript, HTML, CSS, Bash, Markdown, EJS

Libraries and Frameworks: React, Express, Material UI

Databases and other: Node, NPM, Postgres, Sequelize, SQL queries, MongoDB, Mongoose, Atlas, Azure, Shell Scripting, Bash Command Line

Methods, Patterns, and Systems: MVC Architecture, REST APIs, Git Version Control, AJAX communication, Debugging, Code Review, Responsive Design, Continuous Integration, DOM Manipulation, Object-oriented Programming, Wireframing, Entity Relationship Diagrams, Trello

Interpersonal skills: Delegation, Problem-solving and Decision-making, Team-working, Excellent Communication Skills, Collaboration

TECHNICAL PROJECTS

log-go - [GitHub](#) | [App](#) - PERN Stack | TypeScript | JWT Auth | CSS **02/2023**

A decoupled, scalable, and secure full-stack app using the PERN stack (PostgreSQL, Express.js, React.js, and Node.js) with TypeScript and GitHub integration for version control.

- Implemented JSON Web Token (JWT) Auth for secure authentication and authorization, authorizing access to certain features only for authenticated users.
- Created RESTful APIs with Express.js for efficient communication between the client-side and server-side, allowing authenticated users to create, read, update, and delete data resources (movies and books).
- Applied role-based access control to restrict users from editing or deleting other users' data resources, ensuring data integrity and user privacy.
- Implemented data validation and error handling for improved data quality and user experience.

Game-Pocket - [GitHub](#) | [App](#) - MERN Stack | JavaScript | JWT Auth | Socket.io **01/2023**

A decoupled, scalable, and secure full-stack app using the MERN stack (MongoDB, Express.js, React.js, and Node.js) with GitHub integration for version control.

- Collaborated with two cohort-mates to develop a MERN stack application, utilizing git version control for efficient teamwork and code management.
- Worked on separate branches to implement new features and resolve issues, ensuring a streamlined development process.
- Submitted and reviewed pull requests, facilitating code reviews and maintaining code quality standards.
- Merged code into a central remote repository, facilitating seamless integration of individual

- contributions.
- Synchronized main branches to incorporate the latest changes and ensure a cohesive codebase.
- Incorporated Socket.io, allowing users to engage in real-time communication.

garner - [GitHub](#) | [App](#) - **MEN Stack** | **Google OAuth** | **JavaScript** | **EJS** | **CSS** **01/2023**

A robust backend app using the MEN stack (MongoDB, Express.js, and Node.js) with GitHub integration for version control, allowing authenticated users to manage collections of their favorite games.

- Implemented Google OAuth for secure authentication, authorizing access to certain features only for authenticated users.
- Utilized JavaScript and EJS templates to create a responsive and dynamic front-end interface
- Applied role-based access control to restrict users from editing or deleting other users' data resources, ensuring data integrity and user privacy.
- Implemented data validation and error handling for improved data quality and user experience.

Connect Four - [GitHub](#) | [App](#) - **JavaScript** | **CSS** | **HTML** **12/2022**

A responsive Connect Four game using HTML, CSS, and JavaScript with GitHub integration for version control.

- Implemented score counters using JavaScript that dynamically update and persist using local storage.
- Utilized CSS keyframes to animate the game board and pieces, resulting in a smooth and engaging user experience.
- Integrated Audio constructors to include sound effects and background music that can be toggled on/off independently using button elements.

EXPERIENCE

Panda Express Indianapolis, IN
Chef 12/2021-11/2022

- Increased store profit by training associates to cook and prep following correct recipes and portion sizes, in order to avoid overserving of premium items
- Reduced extraneous store expenditures by ordering correct amount of produce and non-perishable goods, as well as minimizing the amount of food waste at the end of the day
- Bolstered team efficiency by overseeing team during 14+ hour shifts, while simultaneously maintaining cook duties and responsibilities

Cook 07/2019-11/2021

- Maintained company standards by cooking entrees from an extensive menu, consistently exceeding strict company goal to cook orders in 5 minutes
- Upheld company standards by following best practices when handling food, prior to and after receiving ServSafe Certificate
- Cultivated an efficient system of organizing the walk-ins while adhering to strict safety and cleanliness standards

EDUCATION

General Assembly Remote, Certificate Received: 03/2023

- Completed a 12-week coding bootcamp that involved creating four frontend, backend, and full stack applications focused on the PERN stack, MERN stack, TypeScript, and JavaScript

IvyTech Indianapolis, IN, 01/2018-12/2019

- Completed coursework in Intro to Digital Electronics, gaining fundamental knowledge in digital circuit design and implementation.