

# Carlos Salguera

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## SOFTWARE ENGINEER

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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

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**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

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**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.

**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.

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**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

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**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