





Alejandro Barrera

<Web Developer>

Self-taught, knowledge-hungry Web Developer with a proclivity for clean, intuitive, optimized design and code. Eager to pick up, learn and implement new technologies and methods every day.

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Competencies

- Optimized Code
- Clean Design
- Problem Solving
- Attention to Detail
- Quick Learner
- Adaptive

Languages

 **Spanish** Native/Bilingual

 **English** Native/Bilingual

 **Japanese** Beginner

Interests/Hobbies

- Premier League Football
- Video Games • Anime / Manga
- Internet Culture • Swimming
- Cooking

Technical Proficiencies

- | | | |
|--------------|------------|------------------|
| ■ Javascript | ■ ES6 | ■ SQL |
| ■ HTML | ■ API's | ■ Bootstrap |
| ■ CSS | ■ SPA's | ■ Material UI |
| ■ NodeJS | ■ Git | ■ Responsiveness |
| ■ ReactJS | ■ GitHub | ■ OAuth |
| ■ jQuery | ■ MongoDB | ■ Python |
| ■ ExpressJS | ■ Firebase | ■ Linux |

Work Experience

Tech Lead - Kidron Monterrey

2018 - Current

- Collaborate with business planning department to monitor and adjust company-wide technology utilization.
- Analyze business processes to propose optimal software applications for unique requirements.
- Manage company website with regards to design, crash-handling and discoverability with Google keywords, and SEO monitoring
- Implement 3D modeling and design to optimize manufacturing processes and product feedback to clients.

Projects

Cocktail Genie - Creator, Designer, Developer

- Created a SPA (Single Page Application) for users to find and filter cocktail recipes
- Developed front-end user interface using ReactJS, MaterialUI and CSS
- Built application on NodeJS using NPM packages
- Integrated, consumed and manipulated JSON objects through asynchronous fetches to an API using Vanilla Javascript ES6
- Implemented seamless user experience with no-refresh functionality
- Fully desktop and mobile responsive

Spender Buddy - Creator, Designer, Developer

- Developed a Full-Stack web app for authenticated users to track and manage finances
- Designed the user interface using Javascript, CSS and EJS template rendering
- Built the application backend on NodeJS using ExpressJS
- Connected a remote MongoDB database with Mongoose that stores user's data and credentials
- Implemented secure user-authentication and session management with Passport, Sessions and Google OAuth 2.0
- Fully desktop and mobile responsive

Courses & Trainings

Harvard's CS50x Introduction to Computer Science
pll.harvard.edu/course/cs50-introduction-computer-science

The Complete Web Development Bootcamp
udemy.com

freeCodeCamp Front-end development libraries jQuery course
freecodecamp.org

Web Apps with React and Firebase
udemy.com