

# Leonardo Escaroz

## Software Engineer

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I'm a passionate learner, devoted problem solver and proud plant-parent seeking to create accessible and intuitive solutions to problems around the world. Eager to combine my skills in Architecture and the Construction Industry as well as my skills in Software Engineering to provide meaningful experiences through digital solutions.

### Skills

**Languages:** HTML, CSS, Javascript, Python, SQL | **Database:** PostgreSQL, MongoDB

**Libraries and Frameworks:** React, NextJS, Express, EJS, NodeJS, Django, Bulma (CSS), Materialize(CSS)

**Other:** RESTful routing, JSON API

### Software Development Projects

#### Plant Parenthood | Full Stack Django

Oct 2022

- Full-stack application that tracks information about house plants and allows user and admin interactions.
- Utilized a Python-based Django Web Framework in collaboration with colleagues.
- The application was a mobile-first approach, and utilized Docker locally during development.

#### UQuiz | MERN Stack

Sep 2022

- An application that allows you to create a quiz or survey, store your created quizzes, and evaluate your score after your attempt.
- Utilized a MERN stack (MongoDB, Express, React.js, Node.js) to build a full stack application with create, read, and delete operations.
- The application was desktop-first approach and styled using CSS3 with flexbox layouts.

#### Apple Pie Café | MongoDB, Express, Javascript

Aug 2022

- A Café business website meant to be scaled for a potential client.
- Made RESTful API fetch calls to an Express, MongoDB, Node.js backend handling all create, read, update, delete (CRUD) operations, and tested all backend routes during development using Postman.
- Wireframed in InvisionApp after interviewing the client, and styled with CSS3 with grid layouts.

### Professional Experience

#### Project Manager | BaranStudio

Jul 2021 - Current

- Managed a 6 story multifamily modular construction building in downtown Oakland.
- Authored a modular construction guide.
- Generated multiple feasibility studies of various scales for current and potential clients.

#### Job Captain | BaranStudio

Jun 2019 - Jul 2021

- Produced collaborative design sessions with engineers for the construction documentation required for jurisdictional review and bidding.
- Collaborated in multiple residential projects of various scales including ADUs, single-family homes, and multifamily.
- Developed the office's Revit standards for graphics and practice.

**Architecture Designer | BaranStudio**

*Aug 2015 -Jan 2018*

- Produced conceptual and schematic designs stemming from site measurements and observations, and collaborating with other designers.
- Generated company marketing material under the supervision of the Principal.
- Produced and prepared drawings and documentation for jurisdictional review under the supervision of a Project Manager.

**Architecture Designer | BantaDesign**

*Aug 2015 -Jan 2018*

- Collaborated with engineers, contractors, and developers for projects of multiple scale.
- Managed a senior housing multifamily building from construction drawings to certificate of occupancy.
- Completed comprehensive code compliance evaluations: building codes, ADA codes, energy code.

**Education**

**Algorithm Course | Frontend Masters**

*Sep 2022 - Current*

**Software Engineering Immersive | General Assembly**

*May 2022 - Oct 2022*

**B.A. Architecture | ITESM campus Monterrey**

*Aug 2009 - Dec 2014*