

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.

Availability: January 2023 onward.

Skills

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

Libraries and Frameworks: React, Astro, NextJS, Typescript, Express, EJS, NodeJS, Django, Tailwind CSS

Other: RESTful routing, JSON API

Software Development Projects

[My personal website](#) | Astro

Dec - Jan 2023

- Originally built with React, then migrated to Astro for reduced memory cache and faster performance.
- Implemented a blog feature using MPA architecture.
- Fully responsive design using CSS3.

[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 (Desktop Only)

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 CRUD operations.
- The application was desktop-first approach and styled using CSS3 with flexbox layouts.

Professional Experience

Project Manager | BaranStudio

Jul 2021 - Current

- Managed a 6 story multifamily modular construction building in downtown Oakland with a team of engineers, consultants, and designers.
- Wrote modular construction and real estate development documentation for marketing purposes.
- 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

Typescript course | Manik (Cloudaffle), Udemy

Jan 2023

Software Engineering Immersive | General Assembly

May 2022 - Oct 2022

B.A. Architecture | ITESM campus Monterrey

Aug 2009 - Dec 2014