SEBASTIÁN CASTAÑEDA

FULL STACK SOFTWARE ENGINEER

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PROFILE

I'm a meticulous full stack software engineer with excellent problem-solving skills with over two years of software development experience. My main focus is web development. I can bring any design to be actual well-structured and organized code that is performant, readable, and maintainable. I have experience developing in the server side of the web with frameworks such as Express, Django and Rocket, as well as mobile development with Android Studio and Kotlin.

EDUCATION

Systems Engineering and Computer Science Studies
Universidad Nacional de Colombia // 2021-2025

RELEVANT COURSES

Web Development
OAuth and JWT
Algorithms and Data Structures
UI-UX Design
Agile Methodologies

SKILLS

PROGRAMMING LANGUAGES

JavaScript (ES6), TypeScript, HTML, CSS (Sass), Python, Kotlin, Rust

LIBRARIES & FRAMEWORKS

React (Hooks), Redux, MUI, Tailwind, styled-components, Next, Vue, Nuxt, Express, Django, Rocket

TOOLS PLATFORMS AND DATABASES

Linux, Git, Github, Copilot, Vercel, Railway, AWS, Figma, MongoDB, Postgresql, Docker

EXPERIENCE & PROJECTS

FRONTEND DEVELOPER LEAD AND DEVOPS

3Lupz | Jan 2023 - Present
- Lead the frontend development of an ERP using React and Redux toolkit for state management.
- Migrate the entire codebase from Javascript to Typescript to improve dev experience and scalability.
- Automate deployments of front and back (written in Django) to EC2 leveraging AWS CodePipeline and bash scripting.

FULL-STACK DEVELOPER

Universidad Nacional de Colombia | Nov 2022 - Jan 2023
- Requirement analysis for the creation of a website for the division of culture of the university.
- Work with the design team to translate the website prototypes to frontend code.
- Set up a CMS workflow (Strapi), so stakeholders could upload all the material (text, images, videos, etc)

BACKEND DEVELOPER

TSP (Travelling Salesman Problem) Solver | 2022
- Create scripts using Python to get and transform data from openstreetmap.
- Handle all business logic with Rocket (a Rust web framework).
- Design and implement different data structures and algorithms to return correct paths for the travelling salesman problem.

FULL-STACK DEVELOPER

Bookswapp (an app to exchange books) | 2021
- Model the app data and use MongoDB to store it.
- Design the wireframes for the app and implement them with XML documents.
- Create the flow of the app using Android Studio with Kotlin following the MVVM architecture pattern.
- Write server code with Nodejs to handle authentication and all the business logic of the app.