

Sebastián López Martínez

Full Stack Developer

sebaslopez.2002@gmail.com

+573185717208

Cali, Colombia

21 years old |

PROFESSIONAL SUMMARY

I am a Full-Stack Web Developer. Mainly I focus on the development of web applications using Django, React and NextJS, as well as knowledge in cloud hosting. On the other hand, I have advanced knowledge in Web Scraping, search engine optimization (SEO) and Rust for performance-critical tasks.

I am looking for the opportunity to improve my programming skills, through real projects, in which I can show my potential and expertise. Passionate about constantly learning new technologies and sharing that knowledge.

PROFESSIONAL EXPERIENCE

Jan 2023 - Feb 2023 Backend Developer - Capstone Project

I worked as a Backend Developer, for the capstone project of Holberton School.

- Developed models in the database.
- Implemented user authentication.
- Connected the frontend with the backend.
- Developed the payment system.
- Compiled and analyzed data, processes, and codes to troubleshoot problems and identify areas for improvement.
- Ensured the structure is secure.
- Generated reusable code libraries and data storage solutions.
- Responsible for data storage, which required having a good knowledge of data security and compliance.
- Built the structure of the product search engine.
- Provided a functional system according to the end-users requirements.
- Deployed the web page on Vercel to facilitate the process of administration.
- Team leader, helping my coworkers to achieve their tasks on time and improve their programming skills.
- Tech: NextJS, ReactJS, TailwindCSS, PostgreSQL and TypeScript.

<https://agromas.vercel.app>

Sep 2022 - Nov 2022 Full Stack Developer - QS

I developed a custom web page for a TrinityInvestors company broker, where the objective was to allow people to retire in dollars through this company.

- Created registration forms to enable users to sign up for the service.
- Implemented email marketing tools to reach out to potential clients.
- Developed financial tools to help users manage their retirement savings.
- Designed a landing page to attract new users to the service.
- Set up a blog to provide educational resources and updates about the service.
- Utilized Next.js to build the web page with a server-side rendering approach.
- Used React to create interactive components and provide an intuitive user interface.
- Implemented TailwindCSS to style the web page and make it responsive on different devices.
- Deployed the web page on a Linux server to ensure stability and security.
- Utilized PostgreSQL to store user data securely and enable efficient querying.
- Developed the web page using Typescript to ensure type safety and minimize errors.
- Tech: NextJS, ReactJS, TailwindCSS, Linux, PostgreSQL and Typescript.

<https://qsseguroseinversiones.com>

Apr 2021 - Mar 2022 Full Stack Developer - Workana

I developed a job metasearch engine which made use of Web Scraping to obtain job information in 21 countries, it was fully automated through periodic tasks that were executed on a VPS server.

- Researched various web scraping libraries and tools.
- Built a job scraper that scraped job listings from hundreds of web pages.
- Developed a database schema to store the scraped job data.
- Created an authentication system for users and companies to manage their profiles and job postings.
- Implemented a Full-Text Search functionality to enable users to search for jobs by keywords.
- Designed the frontend interface with HTML and TailwindCSS.
- Implemented TailwindCSS to make it responsive on different devices.
- Developed interactive features with JQuery to improve the user experience.
- Deployed the application on a Linux server to ensure stability and security.
- Configured a single VPS server to scrape job listings for 21 countries.
- Conducted thorough testing to ensure the system worked smoothly and efficiently.
- Celery was used to automate the execution of the scraping tasks.
- Rust was used to optimally remove jobs from the database that were no longer available.
- Tech: Django, PostgreSQL, JavaScript, Python, Rust, TailwindCSS and Linux.

Sep 2018 - Nov 2018 Blogger - Anan International LLC.

I was in charge of creating articles of more than 1000 words, related to digital marketing for a blog.

EDUCATION

2022 - 2023 **Software Foundations**
Cali, Colombia Holberton School

2018 - 2020 **Marketing and International Business**
Cali, Colombia Autónoma de Occidente University
I studied four semesters

SKILLS

Web Scraping ● ● ● ● ● NextJS ● ● ● ● ○ ReactJS ● ● ● ● ○ Django ● ● ● ● ○
PostgreSQL ● ● ● ● ○ Linux ● ● ● ● ○ Rust ● ● ● ● ○

LANGUAGES

Spanish : Native speaker
English : Proficient - <https://www.efset.org/cert/z6cCt3>

LINKS

LinkedIn : <https://www.linkedin.com/in/sebastian-lopez-martinez>
Github : <https://www.github.com/sebaslopez01>
Portfolio : <https://www.sebaslopez.com>