

Miguel A. Lopez

SENIOR SOFTWARE ENGINEER · FRONT END

Carrera 73 No. 2B - 35, Cali - Colombia

☎ (+57) 310 646 1004 |

✉ Miguel123dr@gmail.com |

🌐 MiguelALopez

📄 MiguelALopezF

“Live a life worth living.”

Overview

Hey there, I'm Miguel, a web developer who loves to learn new things every day. I specialize in Angular, HTML, and SCSS, but I can also work with some backend technologies. I have expertise in using component design patterns and knowledge of RXJS and NGRX libraries. I truly believe that AI is the future, so I like to play with these new technologies, exploring how to improve applications. I used to be called a team leader, but I don't think that a leader is someone who is above others; instead, it's someone who can help and guide others in the team with their expertise. As for my languages, my mother tongue is Spanish, and I'm proficient in English, but I would like to learn French. Regarding my hobbies, I'm an adventurous digital nomad in Latin America. I enjoy photography, mountain climbing, and connecting with nature.

Finally, I may not fit with all the desire technologies, but I can learn fast and hopefully I'll not disappoint you.

Education

Universidad del Valle

Cali, Colombia

B.S. IN COMPUTER & SOFTWARE ENGINEERING

2013 - 2018

- Bachelor final project: “Hands-on: Supporting Hand Rehabilitation Movements in Playtherapy Videogame.”
- Awarded four times with academic excellence (Summer 2015, Spring 2016, Spring 2017, Summer 2018)
- Published MDLib: A Movement Detection Library for Motion Sensors and its Use on Physical Therapies, Jul. 2017
- Winner of the Playtherapy poster presentation: video game to support physical therapies (Oct 2018)

Experience

Perficient Latam

Medellin, Cali, Colombia

SENIOR SOFTWARE DEVELOPER & FRONT END LEAD

Oct. 2019 - Nov 2023

- Worked as an Angular developer for a marketing client, creating, proposing & reviewing new functionalities.
- Responsible for creating new reusable components using HTML, TypeScript, and SCSS.
- Developed an Angular web application in charge of Create, Edit and export dynamic Ads.
- Led the front-end team, ensuring alignment with client requirements, reviewing UX proposals, and strategizing for upcoming sprints.
- Implemented a reactive state management system based on NGRX and RXJS to enhance the communication between components.
- Review and plan new functionalities proposed by the design team.
- Collaborated with the back-end team to plan the design of new APIs.
- Connected the app with external systems as Google Studio & Campaign Manager
- Integrated ChatGPT API to generate AI images and elements for the Ads using prompt engineering.

Angular

HTML

SCSS

Typescript

RXJS

NGRX

Prompt Eng

Alert Logic

Cali, Colombia

SOFTWARE DEVELOPER & FRONT END

Jan. 2017 - Feb. 2019

- Worked on enhancing and creating new features for the security console UI in an Angular project.
- Assisted in migrating an old AngularJS project to a new version of Angular 2.
- Participated in resolving defects within the project.
- Successfully migrated a legacy PHP application to an Angular web application.
- Created a unit test suite using Karma.

Angular

HTML

SCSS

Typescript

Unit Testing

Technical Skills

Advance Knowledge

JavaScript, TypeScript, Angular, HTML, SCSS, NGRX, Git, GitHub

Intermediate Knowledge

Scrum, PostgreSQL, Python, Django, Prompt Engineering, NodeJS

Basic Knowledge

Java, React, PostgreSQL, C++, Unix, Express

Certificates & Courses

2023	ChatGPT Prompt Engineering for Developers
2017	Certificate of AngularJS course in Alert Logic
2016	Colombian Conference on Computing
2015	Latin American Conference on Networked and Electronic Media

Web, Deeplearning.ai

Cali, Colombia

Popayan, Colombia

Medellin, Colombia