

## PROGRAMMING SKILLS

---

- **Languages:** Java, TypeScript
- **Technologies:** Spring, GraphQL, React, GCP, JUnit, Redux

## EDUCATION

---

- **EAFIT University** Medellín, Colombia  
*Software Engineering ; (4.25/5.0)* Jan. 2018 – 2022

## EXPERIENCE

---

- **Kin and Carta** Colombia  
*Software Developer* January 2022 - Present
  - **Wayfair - Operation Services:** Developed and improved new features for a customer service internal tool. This tool uses microservices and exposes them using Spring Boot and GraphQL. Besides, I had the opportunity to teach junior engineers good practices in the Java ecosystem.
  - **Auto Approve Engine:** Used Spring Boot and React to modernize the main platform of this company. I followed TDD in every ticket to preserve the quality of the code with integration tests and unit tests between microservices.
  - **Slack bot:** Built a Slack bot using the Slack JDK for Java in order to improve the productivity of the talent acquisition department. Furthermore, Set up a CI/CD pipeline in Google Cloud Platform using Cloud Build, and Cloud Run
- **Sigasi** Ghent, Belgium  
*Research and Development Intern* June 2021 - December 2021
  - **Sigasi Studio:** Contributed to develop one of the most powerful and famous IDE for HDL languages design using Java and Eclipse API. I participated in the entire development process, starting from architecting my solution, creating it using strong concepts in different paradigms such as functional and object-oriented programming, and finally testing it using JUnit.
  - **Visual Studio Code Extension:** Participated in building with TypeScript a Visual Studio Code Extension to provide a modern environment to support digital design increasing the target client by forty percent.
  - **Language Server Index Format:** My internship project consisted in architect and develop a solution in Java to provide hovers, definitions, and references for hardware description languages. This product gave the company a valuable feature increasing the customer satisfactory since the first release.
- **Industrias OKA** Medellín, Colombia  
*Front-end Developer* January 2021 - May 2021
  - **Landing web page:** Built a landing page with a remote Scrum Team using a React framework called Gatsby JS and Sass. This web page improved the visibility of this company by fifteen percent.
  - **Unit testing:** Utilized Jest to make unit tests. Have a test coverage higher than nineteen percent. These tests were made using Test Driven Development methodology
  - **Continuous deployment:** Set up continuous deployment on Amazon Web Services using Elastic Beanstalk, Amplify, CodePipeline, and AWS VPN. This configuration increased the development of this project in each sprint.
  - **Email service:** Made an email service on NodeJS in order to improve client communication by sixty percent.

- **EAFIT University**

Medellín, Colombia

- *Teacher Assistant*

*February 2019 - May 2021*

- **Oriented-object programming course:** Supported students with concepts in programming fundamentals such as initializing variables, loops, conditionals, and strong knowledge of OOP.
- **Introduction to software engineering course:** Helped students with concepts such as UML Diagrams, and the main steps to make scalable software, Besides we built a system with software (Java, Ubidots) and hardware components (Arduino, Measuring Sensors, Basic circuits).

## REWARDS AND RECOGNITIONS

---

- **Swiss Foundation Scholarship:** In 2018, I got a scholarship to study System Engineering at EAFIT University, I obtained this scholarship because my school grades were excellent and I made a noise pollution project in my previous University, with this scholarship I have had the opportunity to take courses about software engineering and computer science. You can read more about this here: [Swiss Foundation Scholarship](#)