

# Juan Manuel Young Hoyos

FULL STACK DEVELOPER · PROBLEM SOLVER

Medellín, Colombia

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## Skills

**Technical Languages** Python (Proficient), Linux (Proficient), React (Proficient), React Native (Proficient), Redux (Good), Docker (Good), AWS (Good)  
Spanish, English

## Experience

### Grisú

FULL STACK DEVELOPER

Self-employed, Colombia

Jul. 2023 - Present (Aug. 2023)

- Engineered the company's landing page using **React**, boosting the site's traffic by 150%.
- Designed and deployed a **React Native** App, Yak Bak 90's toy simulator.
- Serving as an auditor and developer to 'EcoDrive', using **React Native** and **Python Fast API**, reducing a 4-month timeline to weeks.

### ArcDesign

FULL STACK DEVELOPER

Part-time, Spain

Jul. 2023 - Present (Aug. 2023)

- Innovated an advanced algorithm using hashmaps, MQTT and geohashes, enhancing the application's performance by 70%.
- Integrated the algorithm in a **React Native** environment, improving mobile app performance. (<https://hiwayapp.io>)
- Led the deployment of several static websites on **AWS** and Hostinger using **React**. (<https://arcdesign.io>)

### Design Systems Inno

PROBLEM SOLVER

Contract, Colombia

Jan. 2023 - Jun. 2023

- Architected a system for internal APIs using **RabbitMQ**, improving asynchronous task efficiency by 40%.
- Developed internal APIs to automate processes using **Go**, **Python Fast API**, and **MongoDB**, resulting in a 25% time saving in task executions.
- Reduced **React** web applications' build sizes from 3.46 MB to 886 KB, optimizing loading times by 60%.

### Design Systems Inno

SECURITY CONSULTANT

Contract, Colombia

Dec. 2022

- Conducted an external penetration testing, identifying and documenting potential security flaws, which led to a 70% reduction in system vulnerabilities.

### Aligo Defensores Informáticos

RED TEAMER

In person, Colombia

Aug. 2022 - Oct. 2022

- Conducted pentests on several websites, improving their security postures by 50%.
- Developed pentesting tools using **Go** and **Nim**, increasing the efficiency of the team's operations by 35%.

### GETA Club Play

CYBER SECURITY ANALYST

Remote, Colombia

Oct. 2021 - Jun. 2022

- Implemented **DAST** and **SAST** capabilities using **OWASP ZAP** and **SonarQube**, identifying and resolving over 410 vulnerabilities in 4 months.
- Developed a security plan based on **ISO/27001**, establishing a foundation for the company's long-term cybersecurity strategy.

### GETA Club Play

CYBER SECURITY TRAINEE

Remote, Colombia

Aug. 2021 - Sep. 2021

- Conducted Cyber security planning for 3 company products, identifying and rectifying OWASP vulnerabilities.

### GETA Club Play

SOFTWARE QUALITY ASSURANCE TESTER

Remote, Colombia

Feb. 2021 - Jul. 2021

- Detected 200+ bugs across 7 products in 6 months doing manual testing and automating it with **Python Selenium**.

## Extracurricular Activities

### CivicaPay Hackathon 2022

PARTICIPANT

Medellín

Mar. 2022 - Mar. 2022

- Achieved **1st place** among 52 teams across 16 universities, with a solution using **Flutter**, **Python**, and **Docker**.

## Education

### EAFIT University

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Medellín, Colombia

Jan. 2018 - Dec. 2024

- Full scholarship called "Ser Pilo Paga" for high school students from 2017 who obtained an outstanding grade in the national standardized test.