Juan Manuel **Young Hoyos**

FULL STACK DEVELOPER · PROBLEM SOLVER

Medellín, Colombia

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Skills

Technical	React, React Native, Typescript, JavaScript, Python, Docker, Azure, AWS, GraphQL, Redux, Linux, Kafka, EMQX
Languages	Spanish, English
Development Practices	Agile Development, CI/CD, Responsive Design, Code Quality Maintenance, MVC, Architectural Design, Jira

Experience

Publicis Global Delivery (PGD) assigned to Razorfish *Colombia (Remote - New York, USA)*

REACT NATIVE DEVELOPER · *Dec. 2023 - Present*

- Collaborated with Razorfish in New York on the **Wegmans** mobile app, delivering scalable **React Native** components and integrating **Zustand** and **Algolia**, resulting in a 30% increase in user engagement and conversion rates.
- Implemented performance monitoring with **Dynatrace**, achieving a 40% enhancement in system reliability and response times.
- Added unit testing using **Jest**, boosting code coverage and reducing bugs by 25%, significantly improving app stability.
- Streamlined the CI/CD pipeline with **GitHub Actions**, reducing deployment time by 50% and accelerating delivery for the Wegmans app.

Grisú *Colombia (Remote)*

FULL STACK DEVELOPER (SELF-EMPLOYED) · *Jul. 2023 - Present*

- Partnered with the *Curaçao* government for the *Ministerie van Sociale Ontwikkeling, Arbeid en Welzijn (SOAW)* to enhance their web app, improving backend performance with **Nest.js (TypeScript)** and UI/UX on the **React** frontend, leading to smoother access for citizens requesting social assistance.
- Provided strategic architectural guidance to *GameConnect* and *Industrias Falcon*, delivering performance-optimized solutions for UI/UX.
- Accelerated the project timeline for **EcoDrive** by 50% through an efficient combination of **React Native**, **Kafka**, and **FastAPI**, streamlining data flow and enhancing user experience.

ArcDesign *Spain (Remote)*

FULL STACK DEVELOPER (PART-TIME) · *Jul. 2023 - Present*

- Designed an advanced geolocation algorithm with **hashmaps** and **geohashes**, resulting in a 70% improvement in scalability and accuracy.
- Integrated the algorithm with **React Native**, enhancing mobile app performance, responsiveness, and UX.
- Spearheaded the deployment of static websites on **AWS** and Hostinger, ensuring reliable and scalable architecture for clients.

Design Systems Inno *Colombia*

PROBLEM SOLVER / FULL STACK DEVELOPER · *Dec. 2022 - Jun. 2023*

- Architected a highly responsive API system using **RabbitMQ** and **MongoDB** for asynchronous task processing, significantly improving load handling and user feedback efficiency.
- Enhanced project builds for **React** applications, reducing load sizes by 70%, resulting in improved performance and faster load times for users.
- Developed and optimized complex **React (Redux + Saga)** admin panels, improving data management and visualization capabilities.

Geta Club Play *Colombia (Remote)*

CYBER SECURITY ANALYST · *Sep. 2021 - Jun. 2022*

- Established a robust **DevSecOps** pipeline using **OWASP ZAP** and **SonarQube**, reducing project vulnerabilities by 50% in four months and enhancing application security.
- Collaborated with cross-functional teams to develop a security plan based on **ISO/27001** standards, ensuring data integrity and resilience against threats.
- Performed reverse engineering to safeguard APKs, identifying and mitigating potential data leaks that reduced critical vulnerabilities by 40%.

Extracurricular Activities

CivicaPay Hackathon 2022 *Medellín*

PARTICIPANT · *Mar. 2022 - Mar. 2022*

- **First place** achieved among more than 52 teams and 16 universities in Medellín in the Hackathon CivicaPay of 2022.
- The solution was made with **Flutter**, **Python 3** and **Docker**.

Education

EAFIT University *Medellín, Colombia*

B.S. IN COMPUTER SCIENCE AND ENGINEERING · *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.