About Me

Hi! I'm a Full-Stack Developer and Electronic Engineer who enjoys solving complex problems and building tools that make teams more efficient.

I've worked across every stage of development, from early technical discovery to deploying scalable architectures always guided by agile principles and strong good practices.
I'm creative and continuously improving, always looking for better ways to build and optimize software.

Skills

Programming Languages:

 JavaScript, TypeScript, HTML, Python, R Studio

Frameworks & Libraries:

ReactJs, ReduxJs, NextJs, NodeJs(NestJs / ExpressJs) LangChain, LangSmith, Playwright, Jest, D3Js

Web UI & Styling:
HTML, CSS3 (Styled-components / Sass / Tailwind / CSS Modules)

APIs & Integration:

RESTful APIs, API Integration, AI Integration, Postman

Databases & ORM:
PostgreSQL, MongoDB, SQL, Pinecone and Sequelize

DevOps & Tools:

AWS, Docker, GitLab CI/CD, GitHub, Bitbucket
Emerging Technologies & Others:

RAG Pipelines, AI Bots, Salesforce, Veeva and AEM

Projects & Scientific Projects

JamStack Ecommerce:

A modern e-commerce platform built with a JamStack architecture, featuring personalized products (shoes, shirts, and more) with support for both national and international shipping.

View Project: https://ecommerce-pg.vercel.app/home

Efficient Wireless Power Transfer:

A scientific research project focused on optimizing wireless power transfer systems through advanced electronic design and signal efficiency techniques. Developed as part of an IEEE publication, it explores improved energy transmission, reduced losses, and practical applications in modern embedded systems.

View Project: https://ieeexplore.ieee.org/document/9505418

Experience

Software Engineer II:

Publicis Global Delivery (PGD)

October 2023 – Present

 • Modernized frontend and backend architectures using SOLID and Clean Code principles, strengthening maintainability, scalability, and overall system reliability in ReactJS and NestJS applications. Designed and implemented a monorepo architecture with shared libraries, enabling faster delivery, consistent standards, and improved cross-team collaboration. Developed interactive data visualizations with D3.js to support real-time insights. Delivered high-value automation POCs—including Playwright, CI/CD workflow automation, and quality pipelines—elevating engineering efficiency and release stability.

Full-stack Developer:

Henry – Full Time Intensive Program

June 2021 – July 2022

• Delivered end-to-end solutions by leading the development of a SPA using ReactJS, Redux, and ExpressJS. Built responsive interfaces, implemented secure backend services, and supported key operations such as inventory updates, product management, pricing, and order tracking. Collaborated closely with the team under agile methodologies to ensure high-quality delivery and iterative improvements.

Electronic Engineer:

Ci24 Controles Inteligentes SAS

June 2020 – September 2020

• Delivered hardware–software integrated solutions by programming PIC microcontrollers for project-specific needs and ensuring reliable performance. Built a Node.js + Express landing page for backend feature testing and enabled seamless communication between Raspberry Pi devices using standard protocols. Supported the full product lifecycle, contributing to robust, functional, and well-integrated electronic systems**.**

QA Inspector:

Woden Colombia S.A.S

September 2019 – March 2020

• Oversaw repair, diagnosis, and support workflows for major clients like HP and Claro Colombia, ensuring traceability and compliance with service-level standards. Monitored quality metrics across deliverables to enhance process reliability and customer satisfaction. Built data dashboards to enable real-time tracking and performance analysis**.**

Bachelor's degree

 2013-2020   **Fundación Universitaria Los Libertadores** – Bogotá, Colombia

Date of Birth: November 26, 1994

Contact

As a Full-Stack developer with strong skills in JavaScript, TypeScript, and Python. I build scalable apps using React and NestJs and I'm expanding into AI with LangChain and RAG pipelines. Always leveling up to create smarter, more impactful solutions.

Email: crcarped9@gmail.com
Location: Bogotá, Colombia
GitHub: https://github.com/careyesp95
LinkedIn: https://www.linkedin.com/in/cristian-reyes-parra-developer/

Languages

Spanish	**Native**
English	**C1**

Courses & Certifications

- D3 Js for Data Visualization, By Udemy
- AEM Adobe Experience Manager | AEM Developer MasterClass By Udemy
- NextJs By Udemy
- C1 English By Colombo Americano
- Playwright Automation Testing from Scratch with Framework By Udemy
- Solid and Clean Code By Udemy
- TypeScript By Udemy
- CSS: Flexbox, CSS Grid and SASS By Udemy
- Python By Udemy
- Cloud Computing, By Blanc Labs.
- Agile Framework, By Blanc Labs.
- Generative AI
- Meta Front-End Developer
- Principles of UX/UI and Figma, By Meta
- Front-End Developer Capstone, By Meta
- Full Stack Developer - Upskilling, By Henry
- PCAP: Programming Essentials in Python. By Python Institute.

- Development of web pages with Angular. By Austral University
- Designing Websites with Bootstrap 4. By Austral University
- Python Data Structures. By University of Michigan
- Machine Learning. By Stanford University.