



CARLOS GARCÍA

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BACKGROUND

Experienced Software Engineer with 9 years of expertise in developing and deploying web applications, specializing in front-end technologies like JavaScript, React, TypeScript, HTML5, CSS3, and C#. Beyond my technical skills, I use AI tools like ChatGPT, Cursor, Windsurf, and GitHub Copilot to enhance problem-solving, automate tasks, and streamline workflows, helping create efficient and well-structured applications.

I thrive in agile environments, fostering collaboration and engineering excellence. Committed to continuous improvement, I always seek innovative approaches to drive project success.

SKILLS

- **Programming Languages:** JavaScript, TypeScript, C#.
- **Front-End Frameworks/Libraries:** React, Next.js, Vite, MUI, Storybook.
- **AI Tools:** Proficient in using AI technologies like ChatGPT, Cursor, Windsurf, and GitHub Copilot to enhance problem-solving, streamline workflows, and create innovative solutions.
- **API Interaction:** Skilled in consuming REST and GraphQL APIs using tools like TanStack Query and Apollo Client to streamline data fetching and caching.
- **Web Technologies:** HTML5, CSS3.
- **Testing Frameworks/Tools:** React Testing Library, Jest, Vitest, Cypress.
- **Database Management:** Designing, implementing, and querying SQL databases using SQL Server (12+), Oracle (10g+), MySQL (5+), and NoSQL MongoDB (4+).
- **Version Control:** Proficient in using Git terminal and working with code repositories such as Bitbucket, GitHub, and GitLab.
- **Software Development Life Cycle:** Expertise in all phases of the SDLC.
- **Agile Methodologies:** Remote work experience under Agile/Scrum methodologies, delivering high-quality software on time.
- **Collaboration and Teamwork:** Ability to work effectively in agile teams, promoting engineering excellence and best practices.
- **Proactivity and Innovation:** Taking initiative to generate creative and bold actions to drive project improvements.
- **Client Interaction:** Experience in client-facing roles, including negotiating project scope, timelines, and deliverables.
- **Communication Skills:** C2 level proficiency in written and spoken English.

PROFESSIONAL EXPERIENCE

Wizeline S.A.S – Bogotá, Colombia

October 2023 – Present

Software Engineer

- Building components and landing pages with Material UI and Next.js 14.
- Optimizing performance, SEO, and responsiveness across devices using Next.js features.
- Using TypeScript to ensure strong type checking and code reliability.
- Writing unit tests and snapshots with Jest and React Testing Library.
- Developing a component library with Storybook for efficient UI creation and documentation.
- Consuming GraphQL APIs to manage data and enhance application performance.
- Managing server state and optimizing data fetching with TanStack Query.
- Implementing event tracking with Segment to analyze user behavior on landing pages.

BoatyardX S.A.S – Bogotá, Colombia

July 2021 – June 2023

Frontend Developer

November 2022 – June 2023

- Building a sophisticated web application for an American financial institution using Next.js and TypeScript.
- Creating modern, responsive UIs with Material-UI, translating design mockups into interactive components.
- Collaborating with cross-functional teams to define requirements and design user-centric interfaces.
- Implementing and documenting reusable components using Storybook for consistency and scalability.
- Consuming GraphQL APIs with Apollo to efficiently manage data and improve application performance.
- Writing unit tests with Jest and React Testing Library to ensure component correctness.
- Conducting end-to-end (E2E) testing with Cypress to simulate user interactions and validate flows.
- Continuously improving test coverage to maintain high-quality standards and address potential issues.

QA Engineer

July 2021 – October 2022

- Developing test cases to validate features and functionalities implemented by both the front-end and back-end teams.
- Ensuring the software meets the defined acceptance criteria by meticulously testing the application components.
- Implementing a robust regression test plan that encompassed thorough testing of the application to identify and address any potential issues before deployment to the production environment.
- Contributing to maintaining a high standard of quality in the software release process by executing regression tests.
- Utilizing the Chromatic tool to conduct component testing in React. This involved assessing the visual appearance and behavior of each feature against the acceptance criteria.
- Participating in the recruiting process, leveraging my expertise to assess and select new engineers joining the team.
- Conducting technical interviews to evaluate candidates' skills and ensure a strong fit for the QA team.
- Executing testing practices to deliver reliable and high-quality software solutions.

[Freelance] Sensem – Bogotá, Colombia

July 2021 – September 2022

Full Stack Developer

- Developing a Web App using React, Next.js, Redux, and Typescript, Vite.
- Developing unit tests, integration and E2E tests for web apps with Vitest, React Testing Library and Cypress
- Developing Web API on .NET core 3.1
- Designing DataBase model on 10.4.14-MariaDB
- Deploying Web API on cloud.

Netcom S.A.S – Bogotá, Colombia

October 2020 – July 2021

Backend Developer

- Developing a Web App using React, Next.js, Typescript.
- Developing unit tests, integration and E2E tests for web apps with Jest, React Testing Library and Cypress
- Developing SOAP services on Java 11
- Creating stored procedures on Oracle
- Deploying SOAP services on WSO2 Cloud.

Falabella de Colombia – Bogotá, Colombia

March 2019 - June 2020

Software Developer

- Developing web apps using ASP.NET MVC, Typescript, Node, React, Redux, and Next.js.
- Designing Web API on .NET Core 3.1 to facilitate seamless communication between client and server.
- Designing, implementing, and querying SQL databases on Oracle, ensuring efficient data storage and retrieval.
- Utilizing Git as a code repository for version control and collaborative development.
- Provided technical support and contributed to the ongoing development of projects.
- Designing and implementing unit testing strategies to ensure code quality and reliability.

[Freelance] Proservis – Bogotá, Colombia

November 2019 – April 2020

Senior .NET Developer

Client: Proservis

- Developing web app on ASP.NET MVC, Typescript, React, Redux, React Router
- Developing unit tests, integration and E2E tests for web apps with Jest, React Testing Library and Cypress
- Developing complex procedures and functions on Sql Server to calculate employees working hours.

[Freelance] Imaginamos S.A.S – Bogotá, Colombia

September 2019 – April 2020

Senior .NET Developer

Client: ETB (Empresa de telecomunicaciones de Bogotá)

- Developed web applications using ASP.NET MVC, React, TypeScript, and Redux, ensuring robust and user-friendly interfaces.
- Developing unit tests, integration and E2E tests for web apps with Jest, React Testing Library and Cypress
- Created efficient and scalable Web APIs using .NET Core 3.1, facilitating seamless communication between the client-side and server-side components.
- Designed and implemented a well-structured database model on SQL Server 16, optimizing data organization and retrieval.
- Successfully deployed Web APIs on cloud platforms, leveraging the benefits of scalability, availability, and reliability.

Stefanini Informática – Bogotá, Colombia

October 2017 - February 2019

Senior .NET Developer

Client: Citibank

- Developing Windows Services for processing massive data
- Migrating web forms and asp classic apps to ASP.NET MVC Framework
- Designing, implementing and querying SQL Databases on Oracle
- Use of Code Repositories TFS
- Providing technical support and development
- Designing Unit testing

Imaginamos S.A.S – Bogotá, Colombia

January 2016 – October 2017

Tech Lead, Senior .NET Developer

Client: ETB (Empresa de telecomunicaciones de Bogotá)

- Developing ASP.NET web apps
- Enhancing and updating WebForms apps using DevExpress controls
- Designing, implementing and querying SQL Databases using SQL Server, MySQL
- Training development teams on use of Entity Framework for decrease development times on projects
- Designing scripts on jQuery for event handling and Ajax interactions
- Use of Code Repositories such as Bitbucket, GitHub, SVN

EDUCATION

Computer Science Engineer

Universidad Nacional Experimental del Táchira (UNET) – San Cristóbal, Venezuela

2015

[Link to university degree](#)

CERTIFICATIONS/COURSES

- **GraphQL by Example** / Udemy / 2025/ [Link to certification](#)
- **TypeScript** / ui.dev / 2023/ [Link to certification](#)
- **React Router V6** / ui.dev / 2023 / [Link to certification](#)
- **Modern Javascript** / ui.dev / 2022 / [Link to certification](#)
- **Advanced Javascript** / ui.dev / 2022 / [Link to certification](#)
- **Next.js & React - The Complete Guide** / Udemy / 2022 / [Link to certification](#)
- **React - The Complete Guide (incl Hooks, React Router, Redux)** / Udemy / 2022 / [Link to certification](#)