

# Jonathan Jesús Bracho Cogollo

## Frontend Developer

A versatile and accomplished Frontend Developer with over 4.5 years of specialized experience in using technologies like React and TypeScript to build dynamic and responsive web applications. Expert in advanced development practices, with a strong proficiency in creating high-performance solutions optimized for SEO and user experience. Equipped with a robust understanding of both client and server-side technologies, including extensive work with RESTful and GraphQL APIs, cloud environments like Azure and Cloudinary, and content management systems.

Skilled in applying agile methodologies, particularly Scrum, to enhance project delivery and team collaboration. Holds multiple certifications in key frontend technologies and a deep educational background with a Master's in Business Administration and a Bachelor's in Math and Physics Education. Fluent in English, Spanish, and Italian, with significant experience as a bilingual instructor and a solid track record in educational leadership.

Committed to continuous professional development, I leverage my technical skills and educational insights to innovate and lead in the development of scalable, maintainable software solutions that align with strategic business objectives.

### CONTACT

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### SKILLS

#### Tech Skills:

- **Programming Languages:** TypeScript, JavaScript.
- **Web Technologies:** HTML5, CSS3.
- **Frameworks/Libraries:** React, Redux, Redux-toolkit, Node.js, Express.js, Next.js, Cypress, Jest, React Testing Library, Chakra UI, Material UI, TailwindCSS, Bootstrap.
- **Databases/ORMs:** MongoDB, PostgreSQL, Mongoose, Prisma, Sequelize.
- **Version Control:** Git & GitHub.
- **Project Management Tools:** Jira, Slack, Trello.
- **Methodologies:** Scrum.
- **Cloud Technologies:** Azure Cloud, Cloudinary.
- **APIs:** Proficient in consuming GraphQL endpoints, integrating Content Management Systems (CMS), and developing RESTful APIs.

#### Soft Skills:

- **Communication:** Effective and assertive, experienced in interviewing, interacting with various stakeholders, and conflict resolution.
- **Teamwork:** Proven ability to collaborate significantly on projects using Scrum methodology, enhancing team dynamics and project outcomes.
- **Leadership:** Demonstrated leadership skills as a Full Stack Teaching Assistant, guiding learning processes, supervising academic plans, and fostering the development of both technical and soft skills.
- **Open Source Contribution:** Active in the open-source community, developing reusable components and custom hooks using TypeScript.

#### Artificial Intelligence & Chatbot Development:

- Skilled in leveraging advanced AI techniques to design conversational agents that enhance user experience, drive customer engagement, and streamline business operations.
- Experienced in creating personalized prompts for efficient, relevant, and engaging interactions.

#### Languages:

- Fluent in Spanish, English, and Italian.

### PROFESSIONAL EXPERIENCE

#### Frontend Developer | Izertis, Madrid, Spain. May 2023 - Present.

In my ongoing role at Izertis, I contribute to a variety of impactful projects for one of Spain's leading clients, developing websites, microsites, and specialized internal tools. My role includes:

- **Advanced Development Practices:** Craft highly responsive and dynamic UI components using a modern stack composed of JavaScript, TypeScript, React, and Next.js, focusing on robust and maintainable code.
- **Performance and SEO Optimization:** Enhance user experience by optimizing application performance and implementing SEO best practices through Next.js, ensuring high visibility and user engagement.
- **Commitment to Best Practices:** Maintain high standards of coding excellence by adhering to good programming practices, which improve both the functionality and maintainability of applications.
- **Quality Assurance and Learning:** Utilize Jest for comprehensive testing, ensuring all features meet functional requirements. Continuously explore and adopt new technologies to broaden my technical expertise in frontend development.
- **Collaborative Innovation:** Engage with cross-functional teams to design, iterate, and launch new features, consistently contributing to the team's development process and innovation efforts.

This position has significantly enhanced my frontend development skills, allowing me to deliver superior solutions that align with the strategic goals of our clients and my professional growth.

#### **Instructor, Frontend | Full Stack Developer | ATEXIS Academy, Madrid, Spain. June - August 2023.**

During this period, I applied my extensive technical and educational expertise to lead and develop in-house training programs for new hires and existing development teams at ATEXIS Academy. My contributions included:

- **Expert Instruction:** Delivered comprehensive training in coding practices and the use of diverse development frameworks and libraries.
- **Project Execution with SCRUM:** Guided teams through the implementation of SCRUM methodologies, emphasizing agile project management and execution.
- **Code Troubleshooting and Pair Programming:** Managed troubleshooting sessions and pair programming effectively, ensuring all team members overcame technical challenges and improved their coding proficiency.
- **Feedback and Assessment:** Provided detailed feedback on project deliverables, contributing to the technical and problem-solving skills development of the team.

This role utilized my strong communication skills and deep understanding of technical education, enhancing team capabilities and project outcomes.

#### **Frontend Developer | QuiroJairoTerapia, Madrid, Spain. February 2023 - June 2023.**

I engineered a sophisticated web application for a chiromassage therapist, enhancing his digital outreach and client interaction capabilities. Notable achievements include:

- **High-Performance Web Design:** Implemented a mobile-first design using Next.js, TypeScript, and TailwindCSS, optimizing the platform for SEO and cross-device compatibility.
- **Advanced Feature Implementation:** Developed key functionalities, including:
  - **Secure API Endpoints:** Connected to a MongoDB database for user authentication, client reviews, blog comments, and a robust appointment booking system.
  - **AI-Assisted Chatbot (Quirobot):** Boosted client engagement through personalized user interactions.
- **State Management:** Utilized Redux Toolkit for efficient and reliable application state management across different platform components.
- **User Interface Design:** Crafted a user-friendly navigation system with smooth scrolling and clearly defined sections, enhancing overall user navigation and engagement.
- **Comprehensive Testing:** Ensured platform reliability and stability through extensive unit and end-to-end testing using Jest, React Testing Library, and Cypress.
- **Cloud Services and Database Integration:** Utilized Azure for hosting and connected seamlessly with MongoDB for data management, ensuring efficient data flow and security.
- **Integration of Essential Tools:** Incorporated React-Google-Maps API and emailjs to improve mapping and email functionalities, further increasing the platform's utility and user satisfaction.

This project exemplified my dedication to developing scalable, high-quality solutions that align with client needs and elevate the user experience.

#### **Instructor, Frontend | Full Stack Developer | ATEXIS Academy, Madrid, Spain. October - December 2022.**

In this role, I led the development and delivery of a comprehensive training program for ATEXIS Academy's development teams, focusing on both frontend and backend technologies. My key responsibilities included:

- **Curriculum Development and Instruction:** Designed and delivered targeted lessons on modern development frameworks and coding practices to equip teams with current technological competencies.
- **Team Engagement and Support:** Provided ongoing troubleshooting support, managed interactive pair programming sessions, and delivered constructive feedback to enhance team performance and learning outcomes.
- **SCRUM Methodology:** Integrated SCRUM practices into project execution and team management, preparing teams for efficient, industry-standard development workflows.

- **Leadership in Technical Education:** Leveraged my educational background in physics and math to deepen the teams' understanding of complex technical concepts.

My leadership in these training programs was critical in building robust development teams capable of delivering high-quality software solutions.

### Frontend Developer | BlastFunnels, Madrid, Spain. January 2020 - September 2022.

At BlastFunnels, I was instrumental in developing and enhancing the company's digital presence through high-performing web applications. My key contributions include:

- **Development and Maintenance:** Utilized React and TypeScript to build and sustain the company's main website and associated applications, focusing on modular and reusable code.
- **End-to-End Product Development:** Managed the full development cycle from UX design in Figma to the final product, ensuring seamless transitions and high fidelity implementations.
- **Quality Assurance:** Implemented rigorous unit testing with Jest to ensure robustness and reliability of applications, enhancing user satisfaction.
- **Agile Practices:** Worked collaboratively within an agile framework, using Scrum methodologies to meet tight deadlines and deliver functional enhancements swiftly.
- **Version Control Management:** Managed code updates and team collaboration using Git and GitHub, ensuring code integrity and streamlined team workflows.

My role significantly boosted the operational efficiency and web presence of BlustFunnels, reflecting my ability to deliver targeted, effective frontend solutions.

### Frontend Focused, Full Stack Developer | Remote - Four Tools Language Academy, Madrid, Spain. January 2019 - December 2019

In this role, I led the end-to-end design and development of a sophisticated internal management tool, employing the MERN stack. My key contributions included:

- **Project Leadership and Design:** Spearheaded the creation of a responsive user interface using React.js and TypeScript, while also overseeing backend integration with Node.js and MongoDB Atlas. This ensured a seamless, efficient operational flow and enhanced user experience.
- **Technical Proficiency and Performance Optimization:** Developed both front and backend systems with a focus on maintainability and performance. Implemented advanced coding practices that resulted in significant improvements in system stability and scalability.
- **Agile Methodology and Problem Solving:** Employed SCRUM techniques to manage project timelines and deliverables, adapting swiftly to project changes. Demonstrated strong problem-solving abilities by addressing real-time challenges, ensuring timely project completion.
- **Cross-functional Collaboration and Communication:** Built and maintained effective relationships with team members across various disciplines engineering, design, product management, and business development facilitating a collaborative environment that aligned technical solutions with business objectives.
- **Quality Assurance and Version Control:** Maintained high standards of code quality and managed documentation through Git, leveraging GitHub for enhanced team collaboration and version control.

This role significantly refined my skills in full-stack development, making me adept at delivering scalable and maintainable end-to-end solutions that meet both technical specifications and business needs.

## ACADEMIC BACKGROUND

- **Full Stack Web Developer.** Henry Bootcamp. 700 hours. Argentina | 2018.
- **Master's Degree in Educational Administration.** Rafael María Baralt University, Venezuela. | 2017.
- **Bachelor's Degree in Mathematics and Physics Education.** University of Zulia, Venezuela. | 2011.

### Frontend | Full Stack Web Developer | Remote - Henry Bootcamp, Buenos Aires, Argentina. August - December 2018.

During my time at Henry Bootcamp, I was actively involved in two major projects which allowed me to deepen my full stack development skills:

- **World Travelers Project:** As a key member of the development team, I contributed to the design and development of a Single Page Application (SPA) using Next.js and TypeScript. This included:
  - **Frontend Development:** Implemented UI components using ChakraUI, React, and ReactQuery, ensuring a responsive and dynamic user experience.
  - **Backend Services:** Developed secure backend processes using technologies like Socket.io, Nodemailer, Auth0, and Cloudinary.
  - **Database Management:** Managed databases with Postgres and MongoDB, utilizing Prisma and Mongoose as ORMs.

- **Deployment:** Configured deployment using Railway for databases and Heroku for backend and frontend integration.
- **Interactive Features:** Enabled functionalities for users to create and join trips, interact, and manage transactions through PayPal and Web3.

Project repository: [World Travelers](#)

- **Pokemon App Project:** Designed and developed a comprehensive application that allowed users to interact with a digital ecosystem of Pokemons, which included:
  - **Frontend Creation:** Built the interface using React and Redux, styled with pure CSS for a smooth user experience.
  - **Backend Implementation:** Set up a server-side using Node.js and Express to handle data manipulation and storage.
  - **Database Setup:** Utilized PostgreSQL and Sequelize for robust data storage and retrieval mechanisms.

Project repository: [Pokemon App](#)

- **Teaching Assistant Role:** Simultaneously, I served as a Full Stack Teaching Assistant, where I:
  - **Mentored and Supported Students:** Guided new learners through their initial steps in the bootcamp, assisting with coding exercises and promoting effective pair programming.
  - **Curriculum Development:** Contributed ideas for enhancing the bootcamp curriculum and improving the educational process.

These experiences not only enhanced my technical skills but also reinforced my ability to teach and mentor within tech education environments.

## PROFESSIONAL BACKGROUND

### Tutor Manager | Remote - Sparrow Online Languages Academy | January 2016 - August 2018.

- **Candidate Assessment & Training:** Oversaw the recruitment, interviewing, and training of tutors, focusing on the effective use of the academy's digital teaching tools.
- **Quality Control & Process Improvement:** Supervised and enhanced the teaching and learning processes, ensuring high standards and continuous improvement.

### English & Spanish Teacher | Remote - Bestone Online Languages Academy | September 2016 - October 2018.

- **Pedagogical Excellence:** Specialized in engaging young learners aged 5 to 14, focusing on enhancing communication skills and fostering the ability to express themselves spontaneously.

### School Principal | UE José Antonio Anzoátegui | May 2013 - September 2016

- **Educational Leadership:** Directed educational strategies and operations, leading a team of educators and managing the school's comprehensive educational programs.
- **Strategic Planning & Community Relations:** Orchestrated the planning and execution of the institution's projects and annual plans, representing the school in pivotal discussions with national educational authorities to advocate for beneficial educational reforms.