



FRANCO GONZALEZ

Mid-Level Frontend Developer

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Summary

Passionate Frontend Developer with a degree in Software Development, actively seeking new job opportunities. I have extensive experience in creating dynamic and interactive web interfaces, blending design and functionality to provide optimized user experiences. My commitment to code quality, performance, and accessibility allows me to develop efficient and scalable applications. I am excited to contribute my skills and creativity to the growth of a company.

Experience

OctoCam Group Barcelona, Spain

Mid-Level Frontend Developer 08/2024

- Developed and maintained web applications using React and TypeScript, ensuring dynamic and efficient interfaces
- Designed and optimized reusable UI component libraries, published on npm, ensuring scalability and consistency across multiple projects
- Implemented interactive 3D interfaces with Three.js and integrated interactive maps using Mapbox, enhancing user experience on geospatial visualization platforms
- Developed modular systems based on scalable design patterns, ensuring maintainable and easily extensible architecture
- Integrated state management tools like Zustand, optimizing application fluidity
- Applied accessibility and performance principles, optimizing load times and ensuring inclusive interfaces
- Collaborated using Git and GitHub, implementing Gitflow for efficient version control and teamwork
- Improved application performance and user experience by implementing lazy loading and memoization techniques

Smartraining Chile Mendoza, Argentina

Frontend Developer 06/2023 - 06/2024





- Developed an interactive platform for web simulation visualization, combining React, TypeScript, and React Three Fiber to render dynamic 3D environments
- Created real-time interactive games and experiences, optimizing loading times and performance through WebGL and Three.js techniques
- Implemented a modular architecture for integrating new simulations without affecting the main code structure
- Managed global state with Redux, ensuring efficient communication among different application components
- Developed unit and integration tests using Jest and React Testing Library to ensure system stability
- Designed and developed a low-code platform, enabling users to create and configure web simulations without programming knowledge
- Implemented an intuitive drag-and-drop interface for composing scenarios, simulation logic, and customizing 3D elements
- Utilized Redux to manage application state and synchronize changes in real-time within the editor
- Built a library of reusable components to accelerate development and ensure interface consistency
- Integrated a system for exporting and loading simulations, allowing for project reuse and sharing within the platform
- Worked in an Agile environment following Scrum methodology, participating in daily stand-ups, sprint reviews, and retrospectives to optimize workflow
- Managed versions and collaborated with the team using Git and GitHub, applying Gitflow for efficient code control

Casa de Gobierno de Mendoza Mendoza, Argentina

Junior Frontend Developer 01/2023 - 06/2023

- Developed a web platform for managing and maintaining public works in Mendoza, using React, TypeScript, and Redux
- Implemented an intuitive and accessible interface, facilitating real-time project visualization and management
- Created reusable components to ensure scalability and maintainability of the application
- Worked under the Scrum methodology, participating in planning meetings, daily stand-ups, and retrospectives to enhance development
- Managed versions and collaborated with the team using Git and GitHub, following workflows like Gitflow

Key Achievements

-  **UI Library Optimization**
Increased component reuse by 40% through UI library optimization.
-  **Performance Enhancement**
Improved application load time by 30% using lazy loading techniques.
-  **3D Interface Development**
Led a team to develop 3D interfaces boosting user engagement by 50%.
-  **Efficient Version Control**
Streamlined version control contributing to 20% faster release cycles.

Education

National Technological University

Associate's Degree in Programming

Ubicación

06/2021 - 08/2023

- Web Development Orientation -
- Studied the development of web applications, including HTML5, CSS3, JavaScript, React, Node.js and databases
- Participated in academic projects focused on creating web and mobile applications
- Gained knowledge in algorithms, data structures, operating systems, and software development methodologies
- Studied backend application development, including Java, Spring Boot, Maven, and database management
- Acquired skills in software development best practices

Argentina Program 2.0

Full-Stack Java Spring-React Programming

Argentina

03/2022 - 01/2023

- Completed a year-long course in full-stack programming with a focus on Java, Spring, and React
- Designed and developed full-stack web pages, implementing the Front End with React and the Back End with Spring and RESTful APIs
- Mastered database management with MySQL and utilized version control for project management
- Gained knowledge in robust application security
- Engaged in activities and groups focused on full-stack web design
- Developed skills in Maven, Spring Framework, Java, mobile testing, and teamwork

Languages


Spanish Native ●●●●●


English Intermediate ●●●●●

Technical Skills

CSS · Git · GitHub · HTML · Intermediate · Java · Java Spring · JavaScript · Jest · JWT · MongoDB · Mapbox · Maven · Modular · NPM · PostgreSQL · Postman · React · Redux · REST · Scrum · SpringBoot · Tailwind · Three.js · TypeScript · WebGL · Webpack · GitFlow · Node.js · Socket.IO · REST API

Connect with Me Online

 **LinkedIn Profile**
<https://www.linkedin.com/in/franco-gonzalez-reale/>

 **GitHub Profile**
<https://github.com/francoGonzalez2706>