JONATHAN RAMÍREZ

FRONT-END DEVELOPER

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Summary

Front-end developer with projects in React, Redux, JavaScript, and Sass (BEM), testing with Jest, and a focus on web accessibility. Builds responsive interfaces that consume real-world APIs (GBIF, NASA) and has delivered a freelance project. A background in Biology provides analytical thinking, attention to detail, and data-handling skills.

Skills

Technologies

- HTML5, CSS3, Flexbox, Grid, Sass/SCSS, Bootstrap 5, JavaScript (ES6+), React, Redux Toolkit, React Router, Axios, Jest, React Testing Library, Figma, Git, GitHub, GitHub Actions, VS Code

Practices

- Responsive design, semantic HTML, BEM methodology, deployment on GitHub Pages, Netlify, and Google Firebase.

Soft skills

- Problem solving, teamwork, attention to detail, client communication, and continuous learning.

Currently learning

- TypeScript, Node.js, Python, SQL.

Projects

Cladum: biodiversity explorer. Academic project [View demo]

2026 | React, Redux Toolkit, React Router, Axios, Sass (BEM), Jest, GitHub Actions, GitHub Pages

- Integrated the GBIF API with Axios to search and display species, with iNaturalist as a fallback source.
- Managed global state with Redux Toolkit and navigation with React Router, building a responsive interface with Sass (BEM).
- Wrote 105 tests with Jest and React Testing Library and automated deployment with GitHub Actions.

Product designer portfolio website. Freelance project

2026 | HTML5, SCSS (BEM), JavaScript, Firebase

- Built a product designer's portfolio from the client's Figma design: project pages, an interactive carousel, animations, and layouts adapted to different screen sizes.
- Structured styles with SCSS and BEM methodology to keep the site easy to maintain.

Orbit: NASA astronomical image explorer. Academic project [View demo]

2026 | HTML5, Sass, JavaScript (ES Modules), Axios, Git, GitHub Pages

- Integrated NASA's APOD and Image and Video Library APIs using Axios and async/await.
- Implemented text search, quick filters, and a modal displaying high-resolution images.
- Handled loading, empty, and error states with retry logic, and prevented slow responses from overwriting newer searches.

Alcoba: editorial website with e-commerce. Academic project [View demo]

2026 | HTML5, SCSS (BEM), JavaScript, Bootstrap 5, GitHub Pages

- Implemented a shopping cart with data persistence in localStorage.
- Developed product filtering with live search.
- Built the responsive interface with modular Sass and Bootstrap 5.

Experience

Instituto Politécnico Nacional (IPN)
2026 | Social service (mandatory university internship): data digitization and management

- Entered and digitized records in an institutional database of biological collections, ensuring consistency of taxonomic and collection data.
- Edited and optimized images with Adobe Photoshop to preserve the quality of the digital material.

COS (H&M Group)
July 2023 – August 2026 | Sales Advisor

- Part of the store team that exceeded the brand's conversion target (25% vs. 20%).
- Member of the brand's opening team in Mexico; worked through all peak seasons and sale periods.
- Delivered personalized customer service in a premium retail environment, resolving issues on the sales floor.

Training

Front-End Developer Program (Profesión Front-End)
Escuela Británica de Artes Creativas y Tecnología (EBAC) | July 2026 – Present

Artificial Intelligence, Samsung Innovation Campus
Universidad de Monterrey (UDEM) | October 2026 – Present

Web Development
Coderhouse | 2026

Preparatory Course, Public Center for Artificial Intelligence Training (CPFIA)
Tecnológico Nacional de México | 2026

Education

Bachelor's in Biology
Escuela Nacional de Ciencias Biológicas (ENCB), IPN | 2021 - 2026

Languages

Spanish: Native | English: A2 (learning) | French: A2 (learning)