Federico Holc

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<About me/>

Hi! I'm Fede, a web developer focused on frontend, with backend knowledge and interest in web standards and open source software. I started as self-taught and now I'm about to graduate as a software development technician. In addition, in the past I was a sociologist and teacher in middle schools and at the University of Buenos Aires. In my portfolio you can see the projects I have worked on (and their code), along with an explanation of the problems I had to overcome and the lessons learned from each of them.

<Summary of qualifications/>

My skills and experience include:

- HTML / CSS
- Responsive web design
- Vanilla JavaScript / React / Next.js
- TypeScript / JSDocs
- Testing (Vitest/Jest, Playwright)
- Node.js / Express
- MySQL / SQLite
- Git / GitHub

<Education/>

- **Higher Technician Degree in Software Development.** Technical Training Institute No. 29 of the Autonomous City of Buenos Aires. In progress since 2023 (14 subjects approved).
- **Higher Education Specialist in Comprehensive Sexual Education.** Dr. Joaquín V. González Higher Institute of Teaching. 2017 −2019.
- **Professor of Secondary, Normal and Special Education in Sociology.** Faculty of Social Sciences, University of Buenos Aires. 2007 − 2009.
- **Bachelor's Degree in Sociology.** Faculty of Social Sciences, University of Buenos Aires. Buenos Aires. 2002 - 2007.
- **Computer Technician.** Technical School Nº 3 Maria Sánchez de Thompson, Autonomous City of Buenos Aires. 1992 - 1998.

<Courses/>

- **Full Stack Web Developer. Argentina Program v3.0,** National Institute of Industrial Technology (INTI), Ministry of Economy of the Nation, 2022-2023.
- **Codo a Codo 4.0 Full Stack JAVA**, Ministry of Education of the Autonomous City of Buenos Aires, 2022.
- **Responsive Web Design / JavaScript Algorithms and Data Structures / Back End Development and APIs**, freeCodeCamp.org, 2022.

<Languages/>

- **Spanish:** native.
- **English:** professional working proficiency. First Certificate Exam (B2 First), Cambridge University.

<Work Experience/>

High school teacher. 2010 - 2024

- Teacher of Sociology, History, Introduction to Social Sciences and Humanities, and Ethics and Citizenship Education in public high schools in the Autonomous City of Buenos Aires.

Professor and university tutor. University of Buenos Aires. 2007 - 2015

- Professor of Introduction to Scientific Thinking, Common Basic Cycle, Marqués Chair (2007-2011). Professor and tutor of Teaching Practices. Faculty of Social Sciences, Pipkin Chair (2009-2015).

Sociologist, Environmental Health Department, Ministry of Health of the Government of the Autonomous City of Buenos Aires. 2008 - 2012

- Development and implementation of instruments for the survey of environmental problems in the Health and Community Action Centers in Buenos Aires. Training of personnel in their use. Analysis of socio-environmental data using Epi Info, MS Access databases, and SPSS.

<Projects/>

fotoYOP & foto-V

- FotoYOP allows you to transform images and create collages simply and quickly. It is also a PWA that can be installed on the phone and used offline. Foto-V is your ideal complement: it converts images into videos by applying effects such as panning or zoom in/out.
- Stack: HTML, CSS, vanilla JavaScript, React/Next, TypeScript, JSDoc, PWA, Canvas API.
- Live demos: fotoyop.fedeholc.ar · foto-v.fedeholc.ar

<NuncaSupeProgramar/> Blog of notes for learning web development

- My blog to organize notes, learn, and share knowledge. Simple, fast, and accessible
- Stack: Next, React, JavaScript, HTML, CSS, Markdown.
- Online: nsp.fedeholc.ar

¡ANOTÁ! & Highlighter - ¿Another note taking app?

- That's right, yet another note-taking application =) But with some particular special features. And the best: a browser extension that allows you to highlight and save texts and links from any web.
- Stack: HTML, CSS, JavaScript, React, Next, SQLite, WebExtension API.
- Live demo: anota-demo.vercel.app

Full size images for IG
- Extension for Chrome browser that allows you to view Instagram images at full resolution and in full screen, without distractions.
- Stack: JavaScript, HTML, CSS, WebExtension API.
- Disponible en la chrome web store: bit.ly/igfull

Other projects:
- Desktop application to manage a health clinic (course project). Stack: C#, Visual Studio, MySQL.
- Mobile application to manage a sports club (course project). Stack: Kotlin, Android Studio, SQLite.
- Argentina Programa v3.0 - Editable resume (course project). Stack: Java, Springboot, Hibernate, MySQL, Angular, HTML, CSS, Bootstrap.