



# Federico Holc

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## <About me />

Hi! How you doing? I'm Fede, a web developer focused on frontend 🌈 but also with knowledge and curiosity about backend, web standards, and open source software. I started as a self-taught and now I am about to get a technical degree on software development. 🚀 Also, in the past I was a sociologist, and a teacher 👨🏫 in schools and at the University of Buenos Aires. In my portfolio ([portfolio.fedeholc.ar](https://portfolio.fedeholc.ar)) you can see the projects I have worked on, along with a detailed explanation of them, the problems I had to overcome and and what I have learned (also the links to the source code). 🐛

## <Summary of qualifications />

My skills and experience include:

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

## <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](https://fotoyop.fedeholc.ar) · [foto-v.fedeholc.ar](https://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](https://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 anyweb.

- Stack: HTML, CSS, JavaScript, React, Next, SQLite, WebExtension API.
- Live demo: [anota-demo.vercel.app](https://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.
- Available at the chrome web store: [bit.ly/igfull](https://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.

## <Languages/>

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

## <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 N° 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.

## <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 of the CABA. Training of personnel in their use.
- Analysis of socio-environmental data using Epi Info, MS Access databases, and SPSS.

### **Programmer. CompuHotel S.A. 1998 - 2002**

- Hotel management software development using Visual Basic, Visual Fox Pro, and SQL databases.
- Design and development of web pages using HTML, CSS and Javascript.

