

Yannis JAQUET

System Specialist, EPFL
27.07.1974
Swiss, married, two children

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Profile

I am a full-stack web developer with a background in life sciences. I specialize in designing, engineering, and deploying web applications and websites using Ruby (Ruby on Rails) and JavaScript.

Prior to COVID-19, I organized two meetups in Geneva: Geneva.rb for Ruby/Rails developers and GenevaWeb, a meetup covering various web technologies.

Technical Skills

- Main Programming Languages: Ruby, JavaScript
- Frameworks/Libraries: Ruby on Rails, React, Bootstrap, Tailwind
- Databases: PostgreSQL
- Design: HTML5, CSS3
- Version Control: Git, GitHub
- Operating System: macOS
- Containerization: Docker
- Project Management: GitHub

As the majority of my work revolves around the Ruby/Rails ecosystem, here is a non-exhaustive list of the Rubygems I frequently use: Devise, Pundit, Cancancan, Rspec, Capybara, Activeadmin, ...

Experience

Since 2015

I build web applications for the [Digital Epidemiology Laboratory](#) at EPFL, led by Prof. Marcel Salathé.

From 2016 to 2021, I was seconded to the [EPFL Extension School](#) to develop the learner platform.

My main responsibilities include:

- Designing user interfaces (UI) and user experiences (UX)
- Backend development using Ruby on Rails
- Frontend development using React and Hotwire
- Unit and integration testing with Rspec and Capybara
- Maintenance, bug tracking, and performance optimization
- Project management on GitHub, including issue specification, estimation, and code reviews

Here are some of the publicly accessible projects I have worked on:

- myfoodrepo.org
- foodrepo.org
- extensionschool.ch

Between 2005 and 2014

I worked as a web developer for the [Department of Genetics and Evolution](#) at the University of Geneva. During this time, I built websites and web applications for scientists using PHP and Ruby on Rails.

Education

- 2004: PhD in Biology, University of Geneva
- 1998: Master's in Biology, University of Geneva
- 1997: Bachelor's in Biology, University of Geneva
- 1993: Maturité Fédérale, Collège Sismondi, Geneva

Languages

- French: Native
- English: Fluent
- German: Basic
- Italian: Basic

Hobbies

- Kendo: I have been practicing kendo since the age of 8 and currently hold a 6 Dan rank. I am actively involved in teaching at the [Geneva Kendo Club](#). I'm also an ex national champion (individual and team), national team member and coach.