

# Yannis JAQUET

System specialist, EPFL

27.07.1974

Swiss, married, two children

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## Profile

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I am a full stack web developer with a life sciences background.

I design, engineer and deploy web applications and websites with Ruby (Ruby on Rails) and Javascript.

Pre-COVID, I was the main organizer of [GenevaWeb](#) a Meetup group for anyone interested in web technologies.

## Technical skills

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- Main programming languages: Ruby, Javascript
- Frameworks/libraries: Ruby on Rails, React, Bootstrap, Tailwind
- Databases: PostgreSQL
- Design: HTML5, CSS3
- Version control: Git, Github
- Operating system: Mac OS X

The majority of my work being done in the Ruby/Rails ecosystem, here is a non-exhaustive list of the Rubygems I often use: Devise, Cancancan, Pundit, Rspec, Capybara, Paperclip, Carrierwave, Activeadmin, ...

## Experience

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Since 2015

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

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

My main tasks include:

- Listing project specifications
- Designing user interfaces (UI) and experiences (UX)
- Backend development (Ruby on Rails)
- Frontend development (React, Hotwire)
- Unit and integration tests
- Maintenance, bug tracking and performance optimization

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

- [myfoodrepo.org](http://myfoodrepo.org)
- [foodrepo.org](http://foodrepo.org)
- [extensionschool.ch](http://extensionschool.ch)
- [mydigitalfuture.ch](http://mydigitalfuture.ch)

Between 2005 and 2014

I worked as a web developer for the [Department of Genetics and Evolution](#) at the University of Geneva. There, I built websites and web applications for scientists with PHP and Ruby On Rails.

## Studies

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