

Romain Pellerin

Software Engineer

Open to relocation

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Experience

Mar 2018 – Present **Software Engineer**, *Doctolib*, Paris (France).

Doctolib is the largest ehealth company in Europe, offering doctors and hospitals a software solution with a full-range of services to improve the efficiency of their organization and provide their patients with a new high-end experience.

As a software engineer, most of my time is dedicated to full-stack development. Our backend is built with Ruby on Rails and PostgreSQL. Our frontend is written in modern JavaScript (React and RxJS). We have over 10,000 end-to-end integration tests (Minitest + Capybara), and a few hundred unit tests (both JavaScript and Ruby).

Besides code writing, my duties involve:

- Leading the frontend committee (decision-making, giving training sessions)
- Helping onboard new joiners
- Project management on a regular basis (the role frequently rotate among members of each feature team)
- Hiring software engineers

Other relevant SaaS and tools used: Heroku CI, Jenkins, Jest, SCSS, Bash.

Sep 2017 – Feb 2018 **Software Engineer**, *Matters*, Paris (France).

Worked for a client, Wisepops.com, on their new popup editor, built with React.
Stack: JavaScript, React, Redux, NodeJS, and advanced CSS.

Feb 2017 – Jul 2017 **Software Engineer Intern**, *Matters*, San Francisco (USA).

Boostrapped a brand new project: Teamstarter.co. Also experimented new technologies: asm.js and WebAssembly.

Stack: JavaScript, React, Redux, Sequelize, GraphQL, Apollo, PWA (Service Workers), CDNs.

Sep 2015 – Feb 2016 **Intern in mobile application development**, *The Smiths*, Amsterdam (The Netherlands).

Developed Android and iOS applications with the Titanium framework.

- Front-end with the following frameworks: Backbone, Underscore, Titanium/Alloy
- Back-end with Express, hosted on parse.com; also some SQL and Shell scripting

Jun 2013 – Sep 2014 **Android and web developer**, *Self-employed and intern*, Nantes (France).

Developed and maintained the Android application and the website of the startup WHOWANNA.
Stack: Java, PHP, MySQL, JavaScript, HTML, CSS, Scala.

Education

Sep 2014 – Jul 2017 **Diplôme d'ingénieur en informatique (Software engineering degree)**, *Université de Technologie de Compiègne*, Compiègne (France).

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| ◦ LA13 English level 3 | ◦ R003 Operations research: combinatorial optimization |
| ◦ LA15 English level 5 (business english) | ◦ SC12 Technology, cognition, perception |
| ◦ LB14 English level 4 (interculturality) | ◦ S114 Public speaking in English |
| ◦ LO17 Indexing and search engines | ◦ S128 Interactive writing and multimedia |
| ◦ L021 Object-oriented programming (C++) | ◦ SRO2 Operating System: from concepts to programming |
| ◦ MB11 Revision of mathematics | ◦ SRO3 Web application architectures |
| ◦ MI01 Architecture of a CPU | ◦ SRO5 Distributed algorithms and systems |
| ◦ NF11 Programming language theory | ◦ SY31 Sensors for smart systems |
| ◦ NF16 Algorithms and data structures | |
| ◦ NF17 Databases design | |

- Sep 2016 – Dec 2016 **Exchange program, KAIST**, Daejeon (South Korea).
- **CS453** Automated Software Testing
 - **CS459** Introduction to Services Computing
 - **CS540** Network Architecture
 - **KSE652** Social Computing Systems Design and Analysis
- Sep 2012 – Jul 2014 **DUT Informatique (Two-year university degree in Computer Science)**, *Institut Universitaire de Technologie de Nantes*, Nantes (France).
- Maths (algebra, set theory, graphs, probability and statistics, automata theory)
 - Systems (Unix, x86 assembly, C, security)
 - Networks (IP/TCP, Wifi and Ethernet, HTTP)
 - Object-oriented programming (Java) and design patterns
 - Web (HTML, CSS, JavaScript, PHP)
 - Databases (Oracle, MySQL)
 - Communication
 - Economy
 - Business management
 - English

Volunteer Experience

- Mar 2015 – Jun 2015 **President and co-organizer of tech talks**, *HumanTalks*, Compiègne (France).
10-minute talks given once a month about programming languages, tools, software development, etc.
<https://humantalks.com/cities/compiegne>
- Sep 2014 – Jun 2015 **Computer Science Manager**, *USEC (student society)*, Compiègne (France).
Was in charge of software development projects for local companies.
- Wrote official documents (quotes, specifications, customer agreements, etc.)
 - Recruited and mentored students (those who developed our clients' projects)

Computer Skills

- Languages **JavaScript (ES6+), Ruby, HTML, CSS**, Python, PHP, Java, Bash
- Databases **PostgreSQL, MySQL**, SQLite (+ UML as a modeling language)
- OSes **GNU/Linux** (Xubuntu user, a Debian/Ubuntu-based distro)
- Misc **React, Ruby on Rails, Git**, NodeJS, TCP/IP, \LaTeX

Languages

- French Native speaker
- English Full professional proficiency – European C1/C2 level **TOEIC 985/990 (March 2016)**
- Spanish Beginner – European A2 level

Hobbies

- Raspberry Pi:** Websites, VPN, Nextcloud
- Music:** Guitar for fifteen years
- Conferences:** I gave talks (HumanTalks) and attended some such as DevFest, Web2Day, React Europe
- Side-projects:** Android apps, web browser add-ons
- Sport:** Workout and cycling (commuting everyday)