

Romain Pellerin

Principal Engineer at Doctolib GmbH

Open to relocation

✉ contact@romainpellerin.eu

📧 romainpellerin.eu

github.com/rpellerin

Experience

Oct 2020 – Present **Principal Engineer**, *Doctolib GmbH*, Berlin (Germany).

Largest ehealth company in Europe (100K+ customers, 40M+ visits per month, 7.5K requests per second) offering doctors and hospitals a software solution with services to improve the efficiency of their organization and provide their patients with a new high-end experience.

Stack: Ruby on Rails, PostgreSQL, Resque, Redis, ElasticSearch, React. CI runs 20,000+ integration tests (Minitest w/ Capybara) and a few hundred model and unit tests (JavaScript and Ruby).

My duties involve:

- Follow-up work with feature teams: review of technical pre-project planning and documents, pair programming, dealing with debt and legacy code or infrastructure
- Cross-team work: risks analysis, tasks prioritization, tech initiatives
- Support, mitigation and prevention of down incidents
- Interviewing engineering managers and software engineers

Additional relevant keywords: Monolith, AWS, New Relic, Sentry, Jira, Jest, SCSS.

Jan 202 – Oct 2020 **Software Engineer**, *Doctolib GmbH*, Berlin (Germany).

- Worked on the pro website as a fullstack developer: Ruby on Rails, React, PG, ElasticSearch
- Helping onboard new joiners and train current employees
- Project management in an agile environment (SCRUM-like)
- Interviewing engineering managers and software engineers

Mar 2018 – Dec 2019 **Software Engineer**, *Doctolib*, Paris (France).

Same as in Berlin, different feature team.

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 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 **Mobile Developer Intern**, *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 then 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 (UTC)*, Compiègne (France).
- **LA13** English level 3
 - **LA15** English level 5 (business english)
 - **LB14** English level 4 (interculturality)
 - **LO17** Indexing and search engines
 - **L021** Object-oriented programming (C++)
 - **MB11** Revision of mathematics
 - **MI01** Architecture of a CPU
 - **NF11** Programming language theory
 - **NF16** Algorithms and data structures
 - **NF17** Databases design
 - **R003** Operations research: combinatorial optimization
 - **SC12** Technology, cognition, perception
 - **S114** Public speaking in English
 - **S128** Interactive writing and multimedia
 - **SRO2** Operating System: from concepts to programming
 - **SRO3** Web application architectures
 - **SRO5** Distributed algorithms and systems
 - **SY31** Sensors for smart systems
- 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-min talks given once a month about programming languages, tools, software development, etc.
<https://humantalks.com/cities/compiègne>
- Sep 2014 – Jun 2015 **Computer Science Manager**, *USEC (student society)*, Compiègne (France).
Was in charge of software development projects for local businesses.
- Wrote official documents (quotes, specifications, customer agreements)
 - Recruited and mentored students (those who developed our clients' projects)

Computer Skills

Languages	JavaScript, Ruby, HTML, CSS , Python, PHP, Java, Shell-scripting
Databases	PostgreSQL, MySQL , SQLite, UML
OSes	GNU/Linux (Xubuntu user, a Debian/Ubuntu-based distro)
Misc	React, Ruby on Rails, Git , NodeJS, \LaTeX

Languages

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

German 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 (3000 kms in 2019)