Romain Pellerin

Engineering Manager at Doctolib

Berlin, Germany
🌐 *romainpellerin.eu*
 rpellerin
CV updated on June 26, 2025

Experience

Sep 2022 – Present   **Engineering Manager**, *Doctolib GmbH*, Berlin (Germany)
Currently managing a team of 7 developers + 1 QA analyst focused on Doctolib's main product line that is generating 80% of the revenue (booking management system).
Had up to 12 direct reports, 2 different teams.

Notable achievements:
– 2023: managed the team that played the biggest role in the 10-year anniversary celebration and rebranding of the company - coordinated the first ever release cycle of the company for this event

Oct 2020 – Sep 2022   **Staff Engineer**, *Doctolib GmbH*, Berlin (Germany)
– Support the feature teams that are working on the website for healthcare professionals: review of technical pre-project documents, pair programming, advise and help regarding technical debt and legacy code, "tech tasks" priorization and reporting
– Cross-domain work: contribution to large-scale projects, refactoring, mentorship (internal program based on weekly 1-on-1 meetings) and trainings (mostly on front-end topics and Git)
– Risk management: support, mitigation and prevention of organizational threats and down incidents
– Interviewing for engineering director, manager and software engineer roles (on average one interview per week)
– Help onboard new joiners and train current employees through an internal ramp-up program

Notable achievements:
– 2018-2023: third all-time biggest code contributor, out of 600+ contributors since the creation of the company
– 2019-2022: decided the end of the support of Internet Explorer 11 and other outdated browsers, and led a company-wide program to help Doctolib's customers upgrade their browsers, from small practices to large hospitals, allowing 1. the removal of tests on these browsers 2. simplifying our front-end build pipeline 3. decreasing the number of incidents related to old browsers close to zero
– 2021: made English the default language of the monolith in place of French, enabling 150 international developers in 3 countries to develop and write tests faster
– 2018-2021: led a cross-team effort to refactor more than 600 files written in RxJS to vanilla JavaScript or React hooks, hence removing the number one pain point that was reported by developers about the front-end stack at that time
– 2020: removed Rails Sprockets in favor of Webpack, simplifying our front-end build pipeline and allowing developers to write modern JavaScript everywhere in the codebase

Stack: Ruby on Rails, PostgreSQL, Redis, ElasticSearch, React, SASS/SCSS, Docker.
Our CI pipeline executes 70,000+ integration (Minitest + Capybara), model and unit tests (JavaScript and Ruby).
Doctolib runs on a huge monolith, made of Rails Engines and a few other standalone services.

Additional relevant keywords: AWS, New Relic, Datadog, Sentry, SCRUM/agile development, React testing library, Jest, React Query.

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

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

Sep 2017 – Feb 2018   **Software Engineer**, *Matters*, Paris (France)
Worked for a client (WISEPOPS.COM) on a web-based popup editor built with React.
Stack: JavaScript (React, Redux, NodeJS), CSS.

Feb 2017 – Jul 2017   **Software Engineer Intern**, *Matters*, San Francisco (USA)
Bootstrapped Teamstarter.co. Also experimented new technologies: asm.js and WebAssembly.
Stack: JavaScript (React, Redux, Sequelize), GraphQL, Apollo, PWA (Service Workers).

Sep 2015 – Feb 2016   **Mobile Developer Intern**, *The Smiths*, Amsterdam (The Netherlands)
Stack: Titanium/Alloy (JavaScript framework), Backbone.js, Underscore.js, Express.js, SQL.

Jun 2013 – Sep 2014   **Android and Web Developer**, *Freelance*, Nantes (France)
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)

- **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
- **RO03** Combinatorial optimization
- **SC12** Technology, cognition, perception
- **SI28** Interactive writing and multimedia
- **SR02** Operating systems
- **SR03** Web application architectures
- **SR05** Distributed algorithms and systems
- **SY31** Sensors for smart systems
- **LA13, LA15, LB14, SI14** English courses

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

Volunteering

Mar 2015 – Jun 2015   **Co-host of tech talks and speaker myself**, *HumanTalks*, Compiègne (France)
10-min talks given once a month about programming languages, tools, software development, etc. https://humantalks.com/cities/compiegne

Sep 2014 – Jun 2015   **Project 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, Redis, UML
Operating systems   **GNU/Linux** (I am a Xubuntu user – a Debian/Ubuntu-based distro)
Miscellaneous   **React, Ruby on Rails, advanced knowledge of Git**, NodeJS, LaTeX

Languages

French   Native speaker
English   Proficient – European (CEFR) C2 level (estimated)   ***TOEIC 985/990 (March 2016)***
German   Intermediate – European (CEFR) B1 level (estimated)
Spanish   Beginner – European (CEFR) A1 level (estimated)

Hobbies and interests

DIY: Tinkering with Arduinos, Raspberry Pis, Python scripts and sensors... also making furniture, hacking IKEA desks

Sport: Road cycling (6,100 kms in 2023), running (1,400 kms in 2024 - marathon PR: 3h12), swimming and weight lifting

Reading: Big fan of comic books (The Walking Dead, Paper Girls, Saga, Low). Recent reads: Hyperion (sci-fi), The Culture Map (business)

Music: Guitar for fifteen years