

Romain Pellerin

Principal Engineer at Doctolib GmbH

Open to relocation
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Experience

- Oct 2020 – Present **Principal Engineer**, *Doctolib GmbH*, Berlin (Germany).
- Follow-up work with feature teams focused on the B2B website (as opposed to the website for patients): review of technical pre-project planning and documents, pair programming, advise and help with technical debt and legacy code
 - Cross-team work: large-scale projects synchronization, tasks prioritization, various tech initiatives, mentorship and trainings
 - Scalability and risk management: support, mitigation and prevention of down incidents
 - Interviewing engineering managers and software engineers
- Stack: Ruby on Rails, PostgreSQL, Resque, Redis, Elasticsearch, React. Our CI executes 20,000+ integration tests (Minitest + Capybara) and a few hundred model and unit tests (JavaScript and Ruby).
- Additional relevant keywords: Monolith, AWS, TeamCity, New Relic, Sentry, Jest, SCSS.
- Jan 2020 – Oct 2020 **Software Engineer**, *Doctolib GmbH*, Berlin (Germany).
- Worked on the customer website as a fullstack developer
 - Helped onboard new joiners and train current employees
 - Project management in an agile environment (SCRUM-like)
 - Interviewed 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 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).
- iOS/Android development with Titanium/Alloy (framework), Backbone.js, Underscore.js
 - Back-end development with Express.js, 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).
- **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

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/compiiegne>
- 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, UML
- Operating systems **GNU/Linux** (I am a Xubuntu user – a Debian/Ubuntu-based distro)
- Misc **React, Ruby on Rails, advanced knowledge of Git**, NodeJS, \LaTeX

Languages

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

Hobbies

- Raspberry Pi:** Experiments with the camera module, OpenVPN, Nextcloud
- Comic books:** The Walking Dead, Paper Girls, Saga, Low, and many others
- Sport:** Weight lifting and road cycling (4,000 kms in 2020)
- Music:** Guitar for fifteen years