Romain Pellerin

Software Engineer at Doctolib GmbH

Open to relocation
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Experience

Jan 2020 – Present **Software 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 13,000+ integration tests (Minitest w/ Capybara) and a few hundred model and unit tests (JavaScript and Ruby).

Besides writing code as a fullstack developer, my duties involve:
○ Helping bootstrap a new feature team in Berlin focused on hospitals
○ Helping onboard new joiners and train current employees
○ Project management in an agile environment (SCRUM-like)
○ Inteviewing engineering managers and software engineers

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

Mar 2018 – Dec 2019 **Software Engineer**, *Doctolib*, Paris (France).
○ Worked on the pro website as a fullstack developer: Ruby on Rails and React
○ Leading the frontend committee (decision-making, giving training sessions)
○ Helping onboard new joiners
○ Project management in an agile environment (SCRUM-like)
○ Interviewing software engineers

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/compiegne

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 (March 2016)***
Spanish	Beginner – European A2 level	

Hobbies

Raspberry Pi:	Websites, VPN, Nextcloud	**Side-projects:**	Android apps, web browser add-ons
Music:	Guitar for fifteen years	**Sport:**	Workout and cycling (3000 kms in 2019)
Conferences:	I gave talks (HumanTalks) and attended some such as DevFest, Web2Day, React Europe		