





Alexandre Annic

Full-stack engineer





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Framework

-  **Angular (2+)** ★★★★★
Used in larges applications (~200 components) sometimes coupled with `ngrx`.
-  **React** ★★★★★
Used in large application (+100 components) sometimes coupled with `Redux` and `TypeScript`.

-  **AngularJS** ★★★★★☆
-  **Play framework** ★★★★★☆

Languages

-  **TypeScript** ★★★★★
-  **JavaScript** ★★★★★
-  **Scala** ★★★★★☆
-  **Java** ★★★★★☆

Various

Diploma for youth leaders and workers (BAFA)

Sport: Crossfit, climbing, running

Driving licence

Education

- Master STL (Science and Software Technology)** 2016
[UPMC \(University Pierre et Marie Curie\) - Paris](#)
With high honours - Algorithmic (compression, hash methods, 2D geometry) - Multithreaded and distributed programming (`Scala`, `OCaml`, `Java`, `C`) - Web app (security, tracking)
- Bachelor in computer science** 2014
[UPMC \(University Pierre et Marie Curie\) - Paris](#)
With high honours - Algorithmic (complexity, data structure, recursion) - OOP - Designs patterns - Databases (transactions, `SQL3`, `PL/SQL`, `NoSQL`, `XPath`) - Statistics

- DUT of computer science** 2013
[IUT d'Orsay](#)
Unix architecture, bash, script - POO `Java`, `C++` - Database - System programming in `C` (pipe, signal, fork, thread) - Networking (DHCP, DNS, Firewall) - Computer architecture

Work experiences

- Full-stack engineer** 2016 - 2019
[Particeep - Paris](#)
Led front team and created several applications from scratch in `React/Angular`, `Scala` and with continuous integration with `Jenkins` as **Medef accélérateur**.
Contributing to evolution of a REST and a GraphQL API wrote in `Scala`.
Developed SDK for `JavaScript`, `PHP` and `Scala`.
Organized workshops for my team on topics like `JavaScript`-CSS good practices and performances, `Angular2` or again `flexbox`.

- Full-stack developer internship** 2016
[Particeep - Paris](#)
Contributing to evolution of a large SaaS application wrote in `Play!` framework `Java` and `AngularJS`. I refactored a large part of the application to improve performances, code readability and reusability. Remove the whole `css` to create a solid `Less` design so I could implement a new feature to allow users to edit the theme application for their instances. Also adding features to edit automatic mails with variabilisations.

- Full-stack developer** Summers 2014 and 2015
[Activa Informatique - Paris](#)
Developping features on a Saas application like appointments calendar, real-time chat, statistics and refactoring front side.
Stack: `Play!` framework, `Java`, `JPA/Hibernate`, `JQuery`

- Semester student project** 6 months - 2015
[UPMC \(University Pierre et Marie Curie\) - Paris](#)
Based on an application of distributed components, my goal was to implement a distributed registry inspired by DHT allowing to "colonize" the machines of a network to avoid requests saturation.
`Java` (Future, Socket, multithreading, RMI) and scripts `Perl`.

- Internship in computer research** 3 months - 2013
[LRI \(Computer Research Laboratory\) - Orsay](#)
I worked for the Grid Observatory project whose purpose is to contribute to an experimental theory of large grid systems by integrating the collection of data on the behaviour of the flagship European Grid Infrastructure. My mission was to reconstruct

the grid usage traces to make them accessible to researchers.
Perl SQL Script shell