Alexandre Annic
Full-stack engineer

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Framework

React ★★★★★
Used in large applications sometimes coupled with `Redux` and `TypeScript`.

Angular (2+) ★★★★★
Used in large applications sometimes coupled with `ngrx`.

AngularJS ★★★★☆

Play framework ★★★★☆
Used both versions to create SaaS applications, REST and GraphQL API.

Languages

TypeScript ★★★★★

JavaScript ★★★★★

Scala ★★★☆☆

Java ★★★★☆

C# ★★⯪☆☆

PHP ★★★★☆
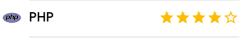
C/C++ ★★★☆☆

Perl ★★★⯪☆

Persistence

SQL ★★★★⯪

NoSQL ★★★☆☆
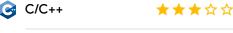
Various

Diploma for youth leaders and workers (BAFA)

Daily 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, 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`)

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

Work experiences

Software engineer   2016 - 2019
Particeep - Paris
Led front team and created several applications from scratch in `React`/`Angular`.
Contributed to the evolution of REST and GraphQL API wrote in `Scala`.
Developed SDK for `JavaScript`, `PHP` and `Scala`.
Organized tech talks about front-development good practices and performances.

Software developer internship   2016
Particeep - Paris
Contributed to the evolution of a large SaaS application wrote in `Java` and `AngularJS`.
Refactored a large part to improve performances, code readability and reusability.
Developed features as theme personalization, mails edition and online payment.

Software engineer   6 months - 2016
Event Catalyst
Created a system to allow conferences organisation. Including the development of an `ASP.NET` API, an `ASP.NET` application and an Android application providing features as QR-code check-in, form editing and filling and visitors management.

Software developer   Summers 2013, 2014 and 2015
Activa Informatique - Paris
Developed features on a SaaS application developed with `Java`, `JPA` and `JQuery` such as appointments calendar, real-time chat, statistics.
Developed websites in `PHP` for minor companies and associations.

Master 1 semester project   6 months - 2015
UPMC (University Pierre et Marie Curie) - Paris
Implemented autoscalling registry inspired by DHT based on an application of distributed components, using technologies as Future, Socket, Thread and RMI.

Internship in computer research   3 months - 2013
LRI (Computer Research Laboratory) - Orsay
Worked on the Grid Observatory project related to the flagship European Grid Infrastructure. Reconstructed a flow of +200Go/month from 250 sources of inconsistent grid usage traces to make them workable by researchers.