Alexandre Annic
Full-stack engineer

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FRAMEWORK

React ★★★★★
Used in large applications including with **Redux** and **TypeScript**.

Angular (2+) ★★★★★
Used in large applications including with **NgRx**

AngularJS ★★★★☆

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

LANGUAGES

TypeScript ★★★★★

JavaScript ★★★★★

Scala ★★★☆☆

Java ★★★★☆

C# ★★½☆☆

PHP ★★★★☆

C/C++ ★★★☆☆

Perl ★★★½☆

PERSISTENCE

SQL ★★★★½

NoSQL ★★★☆☆

VARIOUS

Diploma for youth leaders and workers (BAFA)

Daily sport: Crossfit, climbing, running

Driving licence

Education

Master Science and Software Technology (With high honours) — 2016
UPMC (University Pierre et Marie Curie) - Paris

Bachelor in computer science (With high honours) — 2014
UPMC (University Pierre et Marie Curie) - Paris

DUT of computer science — 2013
IUT d'Orsay

Work experiences

Big Data engineer — 2019 - 2020 (1 year)
Mediarithmics - Paris

Developed **Node/TypeScript** applications streaming GB of daily data. Allow to build and monitor "pipelines" of microservices in **Microsoft Azure**, linked by queues, orchestrated with **k8s (Docker)** and controlled by a **React** UI.
Developed **TypeScript** libraries, test coverage close to 100% with **Mocha**.

Software engineer — 2016 - 2019 (3 years)
Particeep - Paris

Led front team and created several **React** and **Angular** applications from scratch.
Contributed to the evolution of the REST and **GraphQL** API in **Scala** with **PostgresSQL**.
Developed the API SDK for **JavaScript**, **PHP** and **Scala**.
Built functional and end to end tests with **Selenium**, **Mocha** and **Protractor**.
Implemented CI with **Jenkins**.

Software developer internship — 2016 (6 months)
Particeep - Paris

Contributed to the evolution of a SaaS application in **Java** and **AngularJS**.
Full refactoring to improve performances, code readability and reusability.
Developed features as theme personalization, mails edition and online payment. Built **JUnit** and **Selenium** tests.

Software engineer — 2016 (6 months)
Event Catalyst

Created a system to allow the organization of conferences, including the development of an **ASP.NET** API, an **ASP.NET** Web application and an **Android** application providing features as QR-code check-in, form editing and filling, visitor management.

Software developer — Summers 2013, 2014 and 2015
Activa Informatique - Paris

Developed features on a SaaS application with **Java**, **JPA**, **JQuery** and **MySQL** such as appointments calendar, real-time chat, statistics.
Developed websites in **PHP** for small businesses and associations.

Internship in computer research — 2013 (3 months)
LRI (Computer Research Laboratory) - Orsay

Worked on the Grid Observatory project related to the European Grid Infrastructure.
Reconstructed a flow with **Perl** and **MySQL** of +200Go/month from 250 sources of inconsistent grid usage traces to make them workable for researchers.