

Paris Area, France

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### **FRAMEWORK**

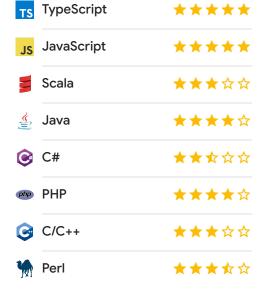
React ★★★★★
Used in large applications sometimes coupled with Redux and TypeScript.

Angular (2+) ★★★★

Used in large applications sometimes coupled with ngrx.

Used both versions to create SaaS applications, REST and GraphQL API.

#### LANGUAGES



### **PERSISTENCE**



 $\{...\}$  NoSQL  $\bigstar \bigstar \bigstar \Leftrightarrow \bigstar$ 

#### **VARIOUS**

Diploma for youth leaders and workers (BAFA)

Daily sport: crossfit, climbing, running Driving licence

# Education

# Master STL (Science and Software Technology)

### 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

2016

### 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

# Big Data engineer

2019 - 2020

#### Mediarithmics - Paris

Developed a Node.js application to automate the import of a large volume of data (several tens of GB daily). Controlled by a React UI, it allows launching Dockers containers, linked by message queues, orchestrated by Kubernetes.

### 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.

# Software developer internship

2016 (6 months)

### Particeep - Paris

Contributed to the evolution of a SaaS application 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

2016 (6 months)

# **Event Catalyst**

Created a system to allow conferences organisation. 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 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.

### 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.