



Aurélien Charpilienne

## { Front-End Web & Mobile Developer }

### Education

#### Application Designer & Developer

From 2018 to 2021 **EPITECH** - European Institute of Technology Paris

### Professional Experience - As a freelancer (1/3)

#### Front-End Blockchain Developer

From June 2024 to August 2024 **The Soci3ty** Remote

Development of the landing page and dApp for **The Soci3ty**, a networking platform for Web3 professionals, enabling them to offer their services and expand their network.

→ Front-End Development [**Next.js** + **TypeScript**]

<https://www.soci3ty.org/>

#### Front-End Blockchain Developer (DeFi)

From September 2023 to April 2024 **Leequid** Remote

Development of the landing page and dApp for **Leequid**, a **liquid staking** platform on the **Lukso** blockchain.

→ Front-End Development [**Next.js** + **TypeScript**]

- Connections with wallets and interactions with Smart Contracts
- Stake, Unstake, Swap, Liquidity management interfaces
- Claim / Auto-compound rewards
- Statistics / Rewards analysis
- Leequid / Lukso metrics page

<https://leequid.io/>

#### Front-End Web & Mobile Developer

From 2022 to 2023 **Appunto** Remote

##### WeDoData

Development of the "A story of Political Conflict" website, a project funded by the **European Research Council** (ERC), on behalf of the WeDoData agency. Visualization and comparison of **French political and socio-demographic data**.

→ Front-End Development [**Next.js** + **TypeScript**]

- Interactive, dynamic map displaying data on each town
- Multi-map synchronization (comparison of data indicators over two time periods)
- Graphics for data visualization and comparison
- XSLX (for data) and PNG (for graphics) exports
- Administrator panel for site content configuration

→ Scripts Development [**Node.js** + **TypeScript**]

- Scripts for generating maps of France (GeoJSON, SVG, PNG, coloring according to results, coordinate mapping...)

<https://unehistoireduconflitpolitique.fr/>

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### Skills

#### Front-End

- Next.js
- React.js
- React Native
- TypeScript
- Flutter

#### Side Skills

- Firebase
- Node.js
- MongoDB
- SQL

#### Tools

- Git
- Stripe
- MongoDB Atlas

### Languages

#### French

Native

#### English

Professional

## Travel

### Language Study

England (Exeter, London)  
Canada (Toronto)

### Travel

United States, Canada, Vietnam,  
Spain, India, Morocco, England,  
Scotland, China, Tunisia, Italy,  
Germany, Hungary, Switzerland,  
Denmark, Madagascar, Cyprus,  
Portugal, Netherlands, Croatia,  
Montenegro, Greece

## Interests

### Music (Pianist, Guitarist)

### Painting

## Professional Experience - As a freelancer (2/3)

### Front-End Web & Mobile Developer

From 2022 to 2023 **Appunto** Remote

#### Usense

Development of the mobile application for the system used by **Usense**, a medtech developing a **medical device** combined with artificial intelligence for urinary analysis, and its administrator panel.

#### → Mobile Development **[React Native + TypeScript]**

- Authentication
- Connection to a measuring device via Bluetooth (BLE)
- Data acquisition via BLE communication
- Analysis of Bluetooth frames from the device
- Graphical display of results
- Save results in AWS + Azure

#### → Mobile Development **[Flutter]**

- Connection to a measuring device via Bluetooth (BLE)

#### → Front-End Development **[React.js + TypeScript]**

- Entity CRUD
- Roles and permissions management

<https://usense.healthcare/>

#### ResArtes

Development of a mobile application to scan a painting in **augmented reality** in order to apply a **layer** (X-ray, Infrared...) by transparency, previously configured in an administrator panel.

#### → Mobile Development **[React Native + TypeScript]**

#### Monuma

Complete redesign of an **administrator panel**. Monuma operates in the expertise, valuation and traceability of art objects, based on Blockchain technology.

#### → Front-End Development **[React.js + TypeScript]**

#### UGLA

Performance audit on an **immersive room** system controlled by a tablet system, enabling a store to offer its customers a dynamic shopping experience shopping experience using multiple projectors.

#### → Back-End Development **[PHP]**

### Front-End Mobile Developer

From October 2023 to December 2023 **Kolo** Remote

Development of the prototype for the Kolo mobile application, a **cultural social network** aimed at the Balkans, facilitating the discovery of local events, encounters between culture enthusiasts, and the sharing of artistic experiences in the region.

#### → Mobile Development **[React Native + TypeScript]**

## Professional Experience - As a freelancer (3/3)

### ● Fullstack Web & Mobile Developer

From March 2022 to May 2022 **XKSGroup** Remote

Improvements to the MyTelevision mobile application, and its administrator panel.

- Mobile Development [**Flutter**]
- Front-End Development [**Vue.js**]
- Back-End Development [**PHP Laravel**]

### ● Fullstack Web & Mobile Developer

From December 2021 to March 2022 **Sophrauto** Remote

Development of a Web & Mobile application in Flutter on the field of Sophrology: Sophrauto.

- Web & Mobile development [**Flutter**]
  - Authentication [**Firebase**]
  - Database (favorite exercises, exercises seen, notes...) [**Firebase**]
  - Playback of audio exercises
  - Playback of video exercises
  - PDF display
  - Keyword-based search system
  - Payment system to unlock full version [**Stripe**]
  - Light / dark theme

## Professional Experience

### ● Internship - Fullstack Web & Mobile Developer

From 2021 to 2022 **VP&White** Paris

- Mobile Development [**Flutter**]
- Front-End Development [**ASP.NET Razor**]
- Back-End Development [**C# .NET**]

### ● Internship - Fullstack Web Developer

2019 **VP&White** Paris

- Front-End Development [**ASP.NET Razor**]
- Back-End Development [**C# .NET**]