



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**]

Front-End Blockchain Developer

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 various wallets and interactions with Smart Contracts
- Pages: Stake / Unstake / Swap / Add & Remove liquidity
- 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)

Voyages

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

Work 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**]