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Skills

Front-End
➜ Next.js
➜ React.js
➜ React Native
➜ TypeScript
➜ Flutter

Back-End
➜ Firebase
➜ Node.js
➜ MongoDB
➜ SQL

Tools
➜ Git
➜ Stripe
➜ MongoDB Atlas

Languages

French
Native

English
Professional

Aurélien Charpilienne

{ Fullstack 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/

Fullstack Web & Mobile Developer

From 2022 to 2023 Appunto Paris
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/

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)

● **Fullstack Web & Mobile Developer**

From 2022 to 2023 Appunto Paris

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]**

https://ugla.tech/

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/

● **Fullstack Web & Mobile Developer**

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]**

Professional Experience - As a freelancer (3/3)

Fullstack Web & Mobile Developer

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]**