

# Lucien Kayrouz

## Full-stack developer

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### ABOUT ME

Passionate full-stack developer with extensive knowledge of cutting-edge technologies such as Next.js, React, TypeScript, JavaScript, Redux, Express, and MongoDB. Proven ability to implement user-friendly applications both independently and as part of a team. Continuously striving to improve my skills and learn new technologies.

### PROFESSIONAL EXPERIENCE

#### Typing Titans – Typing Learning platform

May 2024

**Tools & Technologies:** Typescript, React, Redux, Express, Socket.io, PostgreSQL

**Key activities:**

- Integrated various APIs to retrieve and display necessary data for the application.
- Utilized Socket.io for real-time user connectivity, facilitating competition and chat functionality.
- Developed and implemented comprehensive logic for competitive typing races between users.

#### TalenTrade – Services Trading Platform

May 2024

**Tools & Technologies:** TypeScript, Next.js, MongoDB

**Key activities:**

- Created a platform for people to exchange services in return for their time.
- Built a full-stack application using Next.js following best practices.
- Designed and optimized MongoDB schemas for efficient data storage and retrieval.

#### Workout Hub – Personal Workout Tracker

May 2024

**Tools & Technologies:** Typescript, Javascript, React, React Testing Library, Express, Jest, MongoDB

**Key activities:**

- Refactored a previous project from JavaScript to TypeScript, optimizing the code for better performance and maintainability.
- Implemented unit testing for both server and client using Jest and React Testing Library.
- Added new features to enhance user experience and improve app usability.

#### Kolona LeL Watan – Volunteering Events Website

January 2023 – May 2023

**Tools & Technologies:** JavaScript, React, NodeJS, MySQL

**Key activities:**

- Led a team of five members, ensuring timely project delivery through close oversight of each component.
- Worked on the majority of the front-end using a Figma template I designed.
- Assisted in back-end and database development by fixing bugs and supporting team members in overcoming obstacles.

#### Rubble – Mobile Party Game

September 2022 – April 2023

**Tools & Technologies:** Flutter, GraphQL, Fastify, Dart

**Key activities:**

- Developed a complete front-end for mobile application using Flutter, ensuring code efficiency.
- Reduced redundancy with custom components reused across the entire application.
- Oversaw back-end development with GraphQL and Fastify, ensuring alignment with customer requirements.

#### NFTbricks – NFT advertisement website

June 2022 – October 2022

**Tools & Technologies:** React, JavaScript, CSS, HTML

**Key activities:**

- Created front-end user interface to advertise NFTs using React.
- Supported the design process in building the user journeys, and integrations with platforms like MetaMask, OpeanSea to create an NFT ecosystem

### EDUCATION

#### Codeworks – Barcelona, Spain

February 2024 – May 2024

- Coding Bootcamp** Specializing in Web Development

#### American University of Beirut – Beirut, Lebanon

August 2020 – May 2023

- Bachelor** of Computer Science
- Minor** in Business Administration

#### American University of Paris – Paris, France

January 2022 – May 2022

- Full semester exchange program for BSc

### HARD SKILLS

**Programming Languages:**

- Typescript, JavaScript, Python, Java, Dart, C++, HTML5, CSS3

**Technologies:**

- Frontend:** React, Next.js, Flutter, Angular
- Backend:** Node.js, Express, KOA, Fastify
- Other Tools:** PostgreSQL, MySQL, MongoDB, Redux, Jest, GraphQL, Git

**Additional Skills:**

- Data structures, algorithms, problem-solving, CI/CD

### ADDITIONAL EXPERIENCE

**Languages:**

- Fluent in written and spoken English, French and Arabic

**Sports & Competitions:**

- Lebanese alpine ski champion in 2016 and 2018; part of the Cedars Racing Club.