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Top Skills

Astro

Tailwind CSS

TypeScript

Languages

Anglais (Native or Bilingual)

Français (Native or Bilingual)

Ludovic Lérus

Fullstack developer · Typescript · Node.js / Fastify · React.js / Next.js
Paris, Île-de-France, France

Summary

Full-stack Developer specializing in JavaScript and TypeScript.

Specialties:

Backend: Deep expertise with Node.js, Fastify, and PostgreSQL.

Frontend: Specialized in React.js and Next.js.

Over 7 years dedicated to creating MVPs and revamping web apps for startups and SMEs.

What I can do for you:

- MVP Creation from Scratch: Complete development using React.js, Next.js, Node.js, and TypeScript.
- Web Application Development and Overhaul: Designing scalable and efficient web solutions tailored to your needs.
- Pixel Perfect Web Integration: Faithfully transforming your Figma mockups into interactive user interfaces.
- Project Management with Linear: Rigorous project tracking with agile methodologies to ensure timely delivery.
- Ongoing Maintenance and Support: Providing maintenance services to ensure long-term application performance and security.

Who I've worked with:

- Collaboration with renowned companies and innovative startups: Significant experiences with clients such as Euler Hermes and various dynamic startups.

Key strengths of my profile:

- Extensive development and project management experience: Mastery of complete development cycles and agile project management.
- Product and Commercial Vision: As a developer, I not only have technical expertise but also a solid understanding of business objectives, allowing me to tailor technological solutions to your specific needs.

- Transparent and Effective Communication: Committed to providing clarity on costs, timelines, and development processes.

Technical Foundation:

- JavaScript / TypeScript
- Node.js, Fastify, Express, Nest.js
- React.js, Next.js
- Tailwind CSS
- PostgreSQL
- Docker, Heroku, Vercel

Book a call to discuss your projects: <https://cal.com/ludovic-lerus/30min>

Experience

Filt

Full-stack Developer

April 2024 - Present (11 months)

Filt is a SaaS simplifying the accounting work.

What I Did:

Built from the ground up a SaaS platform enabling accountants to extract data from accounting books with a no-code interface.

Key Contributions:

- Fullstack Development: Designed and implemented scalable, secure architecture for the entire solution.
- UI Collaboration: Translated Figma mockups into responsive, user-friendly interfaces.
- DevOps Management: Deployed and maintained the application on Scaleway using Coolify, ensuring continuous delivery.

Birding

Full-stack Developer

January 2023 - Present (2 years 2 months)

Qalestra is a SaaS targeted at compliance and advisory financial services.

<https://birding.fr/>

<https://qalestra.io/>

What I Did:

Developed from scratch a SaaS platform designed to provide financial compliance services.

Key Contributions:

- Designed and implemented the fullstack architecture of the solution, ensuring scalability and data security
- Collaborated with designers to transform Figma mockups into responsive UI components, integrated through a custom Design System in Storybook
- Developed specific features to enhance user interaction, such as visual data flows with React Flow.
- Managed continuous deployment and maintenance of the application on Vercel and Heroku, optimizing performance and service availability

Musair

Full-stack Developer

November 2020 - Present (4 years 4 months)

Musair offers a new path to art, an immersive experience based on creative writing, blending narrative and meditation.

<https://app.musair.fr>

What I Did:

Developed the frontend and backend from scratch for an initial POC, followed by the development of successive versions for indoor and outdoor museum visits.

Key Contributions:

- Developed a POC to attract investors and acquire the first clients
- Designed and implemented version 1 of the product for indoor museum visits, working closely with a designer through Figma to ensure optimal user experience
- Expanded the product with version 2 to include interactive outdoor tours, utilizing Mapbox for interactive mapping
- Created robust backend solutions using Node.js and Fastify, and managed their deployment on Heroku
- Integrated advanced technologies such as Strapi for content management and Docker for containerization

Bornevo

Full-stack Developer

July 2024 - December 2024 (6 months)

Bornevo is a platform providing eco-friendly charging stations for electric vehicles, tailored to the needs of both individuals and businesses.

<https://bornevo.com/>

What I Did:

Designed and implemented the landing page to establish a compelling online presence and engage users effectively.

Key Contributions:

- Frontend Development: Utilized Astro to build a high-performance, SEO-friendly landing page.
- Responsive Design: Crafted a visually appealing interface optimized for all devices.
- Performance Optimization: Achieved fast loading times and smooth navigation to enhance user experience.

Linksight

Full-stack Developer

February 2023 - May 2023 (4 months)

Linksight is a tool that connects your audience to all your content across your favorite social networks.

What I Did:

Updated the code and fixed bugs in both the backend (migrating from Express to Fastify and implementing an ORM) and the frontend (migrating from React.js to Next.js).

Key Contributions:

- Performed backend framework migration from Express to Fastify, enhancing performance and ease of maintenance
- Migrated the frontend from React.js to Next.js, optimizing user experience and SEO of the product
- Implemented an ORM for more efficient and structured data management with PostgreSQL
- Collaborated with designers to integrate new visual and interactive features, using Figma for design
- Developed and integrated new features that improved user interaction and engagement on the platform

Allowa

Full-stack Developer

January 2022 - July 2022 (7 months)

Allowa is a real estate sales and rental platform. Their mission is to reinvent residential real estate services.

What I Did:

Worked in a cross-functional team to develop a new version of the platform, initially for internal use and later extended to real estate agencies and other sector players.

Key Contributions:

- Developed the platform's user interface using Next.js, ensuring a smooth and responsive experience
- Implemented efficient API endpoints with SWR for optimal real-time data management
- Updated and adapted the existing Storybook to align UI components with the new design
- Created reusable components to increase code consistency and maintainability
- Designed and implemented complex multi-step forms, enhancing user experience during data entry processes

Boxylab

Full-stack Developer

July 2019 - October 2021 (2 years 4 months)

Founded by a former boxer, BOXYLAB is a sports startup providing connected punching bags to gyms in Paris.

What I Did:

In partnership with another freelance developer, I developed the web application for BOXYLAB, including both frontend and backend, integrating an interface with connected punching bags.

Key Contributions:

- Developed the frontend architecture using React, and the backend using Node.js and Fastify, ensuring system responsiveness and reliability
- Worked closely with a designer via Zeplin to create an intuitive and visually appealing user interface

- Implemented a user account management system allowing for both anonymous and authenticated use
- Designed features that let users select boxing exercises and receive post-training performance data.

Integrated a Raspberry Pi to manage connections between the connected punching bags and our API via sockets, facilitating real-time data collection

- Used Docker for containerization and deployed the application on Heroku to ensure efficient production environment management

Motto

Full-stack Developer

February 2021 - September 2021 (8 months)

Bloom provides customers with high-end bicycles, insurance, a lock, and on-demand repair services.

What I Did:

Designed and developed the landing page as well as a backend to manage a waitlist and customer orders, collaborating with the team's designer.

Key Contributions:

- Developed Bloom's landing page using Next.js, working closely with a designer through Figma to ensure smooth visual integration
- Implemented a robust backend with Node.js and Fastify for managing users, waitlists, and orders.
- Integrated Stripe for payment processing, securing transactions and enhancing the customer purchase experience
- Deployed applications on Heroku, ensuring optimal availability and performance
- Utilized Docker for containerization, ensuring consistency across development, testing, and production environments.

Quizdom

Full-stack Developer

February 2021 - September 2021 (8 months)

Quizdom is an ambitious startup aiming to launch a new social network.

What I Did:

Partnered with another freelance developer to build from scratch the backend, frontend, and mobile app for the social network, following design guidelines provided on Zeplin.

Key Contributions:

- Designed and developed the backend architecture using Node.js and Fastify, integrating Redis for optimized real-time data handling
- Developed the frontend using React and Next.js, ensuring a smooth and responsive user experience
- Created the mobile application with React Native and Expo, enabling consistent deployment across iOS and Android platforms
- Implemented real-time communication features using WebSockets to enhance user interactions.
- Worked closely with the CTO on technical decisions, including hosting solutions and deploying Docker for containerization.

MTGSport

Full-stack Developer

February 2020 - February 2021 (1 year 1 month)

MTGSport offers an NBA-linked basketball game where players can win real prizes, such as computers, smartphones, books, TVs, and headphones, by playing for free.

What I Did:

Partnered with another freelance developer, I designed and developed the mobile application (frontend and backend) for MTGSport, incorporating interactive features and real-time data processing.

Key Contributions:

- Designed and developed the frontend and backend components of the mobile app using React Native, Node.js, and Fastify
- Collaborated with a designer via Zeplin to ensure an attractive user interface that adhered to design specifications
- Implemented integration with an external API to collect real-time NBA data
- Set up daily cron tasks to simulate basketball matches, enhancing user experience
- Utilized WebSockets to improve the app's interactivity, allowing users to receive real-time updates
- Deployed and maintained the app on Heroku, using Docker for environment management

CODECHAMP - SEMIP

Full-stack Developer

January 2019 - January 2021 (2 years 1 month)

Codechamp is a French manufacturer of electronic products.

What I Did:

Digitized the production line management process, previously managed via Excel files, by developing a comprehensive intranet with frontend and backend.

Key Contributions:

- Designed and implemented the frontend using React, creating an intuitive user interface to replace Excel-based systems
- Developed the backend using Node.js and Express, facilitating efficient production data management.

Set up a PostgreSQL database to store and manage all information related to products and production stages

- Integrated an email notification system to inform employees about significant updates or changes in the production line
- Used Docker for application deployment, ensuring consistency and ease of environment management

Plum Energy

Full-stack Developer

February 2019 - May 2019 (4 months)

Paris, Île-de-France, France

Plum Énergie is a provider of green electricity tailored for the French market.

What I Did:

Enhanced Plum Énergie's website by developing new customer acquisition pages and integrating various animations to enrich the user experience.

Key Contributions:

- Designed and developed innovative web pages to attract and convert visitors into customers, using React
- Implemented interactive animations on the site to enhance user engagement and provide a more dynamic and appealing user experience
- Worked closely with marketing teams to ensure new features aligned with the company's strategic objectives
- Optimized page performance to ensure fast and responsive navigation, thereby improving conversion rates

Aissa Moments Coach

Full-stack Developer

January 2019 - April 2019 (4 months)

Aissa Moments is a French influencer and love coach known for her personalized approach and relationship advice.

What I Did:

Developed a mobile app in partnership with another freelance developer, designed to deliver exclusive content and advice to her followers.

Key Contributions:

- Designed and implemented the frontend of the app using React Native and Expo, creating an appealing and easy-to-navigate user interface for both iOS and Android users
- Implemented the backend using Node.js and Fastify, ensuring efficient request management and seamless service integration
- Configured a PostgreSQL database to store user data and published content
- Deployed and maintained the app on Heroku, optimizing performance and availability for a broad audience
- Worked closely with Aissa Moments to understand her needs and ensure the app reflects her brand and goals

Adelios

Full-stack Developer

July 2018 - January 2019 (7 months)

Paris, Île-de-France, France

Adelio is a creative and digital communication agency.

What I Did:

Developed a website that allows companies to query their employees to identify their "profiles," featuring an interface for employees and an admin page for data statistics.

Key Contributions:

- Designed and implemented the website's frontend using React, creating an intuitive interface for employees to complete questionnaires
- Developed the backend using Node.js and Express, managing questionnaire logic and data collection
- Created a PostgreSQL database to store employee responses and generate statistical reports

- Designed a dedicated admin page where managers can view statistics and insights from the collected data, aiding strategic decision-making
- Maintained and optimized the site to ensure high performance and data security

Euler Hermes Rating France

Full-stack Developer

October 2018 - December 2018 (3 months)

Paris, Île-de-France, France

Euler Hermès is a global leader in the credit insurance sector.

What I Did:

Worked with technical teams to enhance internal solutions, aiming to boost the company's productivity.

Key Contributions:

- Diagnosed and fixed bugs in the existing API to ensure optimal performance and reliability
- Enhanced the API's functionality and efficiency using Javascript and Node.js, thereby reducing response times and improving user experience
- Added new features to the API to expand available services and meet the evolving needs of the business
- Collaborated closely with development teams to integrate improvements, utilizing AWS for deployment and online service management

Amon

Full-stack Developer

July 2018 - August 2018 (2 months)

Amon is an innovative company offering a crypto debit card linked to a wallet, enabling real-time conversion of cryptocurrencies into fiat currencies.

What I Did:

Contributed to the API development, fixing bugs and implementing new features to enhance service efficiency and accuracy.

Key Contributions:

- Diagnosed and resolved various bugs in the existing API to improve stability and performance

- Developed and implemented a system to retrieve real-time cryptocurrency values from different exchanges using Node.js and Test-Driven Development (TDD) principles
- Optimized queries and interactions with the PostgreSQL database for faster and more reliable data retrieval
- Collaborated with a team of developers to integrate these new features, adhering to best practices for secure and efficient development

Yves Saint Laurent

Full Stack Developer

February 2018 - June 2018 (5 months)

Yves Saint Laurent is a renowned French luxury fashion house known for its elegant and modern style.

What I Did:

Developed an intranet to manage applications on tablets used within Yves Saint Laurent stores, incorporating designs provided by the team's graphic designer.

Key Contributions:

- Designed and developed the frontend of the intranet using React, enabling store employees to efficiently manage applications on in-store tablets
- Implemented the user interface according to designs created by the graphic designer, ensuring consistency with the brand's aesthetic
- Worked closely with the IT team and graphic designers to ensure a smooth and functional integration of required features
- Contributed to continuous user experience improvements by implementing modifications and updates based on feedback from end users

Testpass

Full-stack Developer

March 2017 - January 2018 (11 months)

Testpass is a company in the sports and event sector providing tailored solutions that allow customers of sports brands to test their products.

What I Did:

Built a product testing platform from scratch, using JavaScript for both frontend and backend development.

Key Contributions:

- Designed the platform architecture, developing both the frontend with AngularJS and the backend with Node.js
- Developed and launched a comprehensive platform, ensuring ongoing development and maintenance
- Communicated with Testpass clients to provide technical support and regular updates on the platform's development
- Implemented and oversaw the platform's production launch, using Jenkins for continuous integration and deployment
- Managed post-launch monitoring of the platform, including training clients to ensure effective use of the solution

Neo9

Full-stack Developer

August 2016 - February 2017 (7 months)

Région de Paris, France

Development of websites for our client APRIL. Each site allows APRIL customers to take out or obtain more information about their products (insurance).

<http://www.neo9.fr/>

Sup'Internet

Teacher Assistant

February 2014 - September 2015 (1 year 8 months)

Région de Paris , France

As an assistant, my job was to help struggling students during and outside of class. I also had to correct their exercises and projects.

<http://www.supinternet.fr/>

Shopmium

Mobile Application Developer

March 2015 - July 2015 (5 months)

Région de Paris, France

Development of the cross-platform mobile application with the Appcelerator Titanium framework. My job was to add new features and fix bugs.

<https://www.shopmium.com/fr/>

SNCF

Full-stack Developer

July 2013 - December 2013 (6 months)

Région de Paris , France

Development of two intranets.

The first site allows employees to see which train is arriving at the technicentre. The bosses could also tell which team had to work on which train.

The second site allows team leaders to define which people are in their team.

Education

EPITECH - European Institute of Technology

Master's degree, Computer Science · (2012 - 2017)

Nelson Mandela Metropolitan University

Computer Science · (2015 - 2016)