

Hadrien Develay

Front-End Developer

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I am a skilled front-end developer with proven experience in a legal-ai tech startup, as well as personal projects. Proficient in React, TypeScript, and Tailwind, I bring strong problem-solving skills and a product-focused mindset, and thrive in fast-paced dynamic settings.

After 2 years of working in London after my studies, I have moved to Oslo with my partner. I value growth and continuous learning, and am now looking for a position where I can contribute meaningfully while further developing my expertise.

Languages

French: Native/Bilingual

English: Native/Bilingual

Norwegian: Conversational
Currently taking Norwegian Classes at level A2.2 at Alfaskolen.

Spanish: Conversational

Interests

- Sports
- Skydiving: Certified Skydiver with BS B License and FS1+ (09/2023)
 - Skiing: Alpine and Touring, BASI Ski Instructor (02/2024)
 - Sailing and all water-sports, RYA Day Skipper Certification (07/2024)
 - Scuba Diving: PADI Open Water
- DIY
- Wood-working, 3D design and 3D printing, Electronics

Professional Experience

Web Software Engineer, **Luminance**
Sep 2022 – Jan 2024 | London, UK

AI-powered legal technology company that streamlines document review and analysis for law firms and in-house teams, specializing in due diligence, compliance, and contract management.

- Led the redesign of company website. Coordinated with Marketing and Design to deliver a high-quality, user-focused website.
- Built a responsive website while maintaining a clean codebase and creating efficient, reusable components, using the Handlebars templating language.
- Divided and delegated tasks. Managed team members effectively to meet project deadlines efficiently.
- Developed event-driven front-end components for a single-page web app using technologies such as Backbone.js and Less.
- Learned Typescript and helped transition codebase to improve code maintainability and debugging.
- Developed unit tests to ensure robustness and reliability of the application.
- Provided mentorship to new team members, sharing insights into the codebase and best practices.

Education

Masters of Engineering – Aeronautics & Astronautics, Spacecraft Engineering, **University of Southampton**
Oct 2017 – Jun 2022 | Southampton, UK

- Relevant Units:
 - Advanced Computational Methods
 - Introduction to Machine Learning
 - Spacecraft and Orbital Mechanics
 - Design and Computing
- Projects:
 - Y4 Group Design Project: Designed, built and tested an unmanned Downwind-Faster-Than-The-Wind vehicle. Led the design of the propeller hub capable of variable pitch for the blades

French Baccalaureate – Scientific Section with Specialisation in Physics, **Lycée Français CDG**
Sep 2010 – Jul 2017 | London, UK

- In Scientific section, the final exam includes all general subjects with increased focus in scientific modules.
- Achieved Highest Honors in final exam.

Skills

IT Skills:

- React.js
- Backbone.js
- Typescript
- Tailwind
- Less
- Node.js

Other tech:

Video-editing
3D design
Figma

Soft:

- Adaptability
- Engineering mindset
- Problem-solving
- Team coordination
- Critical-thinking

Additional Projects

Orbital Parameter Calculator and Plotter:

<https://orbit.hadri1.com/>

Developed an app to calculate orbital manoeuvre parameters. This was a personal challenge to review some orbital mechanics fundamentals, as well as implement a robust calculating and plotting tool into a React Vite app. It includes a circular Hohmann transfer and a simple orbit visual tool, and I am working on elliptic and bi-elliptic Hohmann transfer tools.

Interactive Web Resumé:

<https://hadri1.com/>

I needed a new portfolio so I developed this website to practise unusual website layouts and improve code maintainability/project structure. It showcase my design and interactive UI skills, while using efficiently maintainable code if I were to update the information. This also needed to be responsive as many people would view this from their phones as well.

Chess web app for iPhone:

<https://chess.hadri1.com/>

An earlier project of mine developed to gain familiarity with React and learn to use a better build tool Vite. I also needed the challenge of working out the chess logic correctly, which was incredibly rewarding to develop.

Volunteer Experience

Vice-President, [UoS Skydive Club](#)

Sep 2019 – Jun 2022

- Organised and hosted information talks for new members, and marketing events for the club.
- Coordinated with local drop zone to organise more than 50 groundschoools, with manufacturers and equipment maintenance agencies to sort club kit for members.
- Edited videos and social media posts to promote club activities.
- Developed resilience from adapting to challenges introduced by the pandemic.