

Adrien Poirson

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Software Engineer

I am a dedicated software developer with 10 years of experience specializing in front-end technologies. My passion lies in the client side of software products, where the impact of my work is immediately visible and directly influences the user experience. I take pride in my work, am organized, and driven by a curiosity to continually learn and improve. As a self-starter, I am committed to delivering high-quality code and taking ownership of my projects. Additionally, I possess knowledge and experience in backend development and database management. I have been working remotely since 2018 and am adept at maintaining productivity and collaboration in a remote environment.

Skills

Languages: JavaScript ES7, TypeScript, HTML, CSS
Frameworks/Libraries: React, React Native, Redux, graphql, styled-components, Storybook
Testing: React Testing Library, Playwright, Cypress, Jest, Enzyme
Build Tools: Webpack, Babel
Version Control & CI/CD: Git, GitHub, Bitbucket, Jenkins
Design Tools: Figma, InVision, Zepelin
Back-End: Node.js, python (Flask), design and consumption of REST APIs
Databases: MongoDB, PostgreSQL, Firebase
Soft skills: Adaptability, Communication, Collaboration, Problem-solving

Experience

CS Disco - csdisco.com

Jan 2022 - Aug 2024

- Implemented a new micro frontend that allows customers to visualize and understand their organization's overall use of the Disco platform. Features dual views (data usage and events), interactive tables with advanced filtering, sorting, search with highlights, and export functionality, enhancing user data comprehension. Implemented with Typescript and React v17, using react hooks, graphql for data fetching, react-window for virtualization of the table. I also developed a few custom UI components for these views.
- Developed a new Video Player using the HTML5 video element as a base. The player is driven by a custom API (react useImperativeHandle hook under the hood), allowing this component to evolve in time without breaking changes.
- Modernized older code (transitioned from class components to functional components and hooks).
- Contributed to a in-house UI library (using react-aria as a base).
- Updated older designs to feature our new UI components.
- Improved older and slower pages using techniques like virtualization and better data fetching.

Global Relay - globalrelay.com

Sep 2021 - Dec 2021

- Enhanced and expanded the company's UI component library.
- Modernized legacy codebase by refactoring and integrating custom UI components, improving consistency and maintainability.

- Led UI development, setting code standards, selecting libraries, and conducting code reviews.
- Spearheaded development of a large-scale analytics platform front-end using React v16, replicating and enhancing features from a legacy GWT app. Implemented customizable dashboards with diverse chart types, tables, and reporting capabilities using Victory, react-virtualized, styled-components, and ImmutableJS.
- Created a custom UI component library leveraging Material UI and styled-components.
- Engineered a high-performance Pivot Table component handling millions of data points, featuring dynamic rendering of hierarchical data, search, filtering, and drill-down capabilities. Built from scratch using react-virtualized.

Cumul8

Jan 2016 - Nov 2017

- Engineered a data intelligence platform using React v15, Victory, ImmutableJS, and react-virtualized, enabling companies to monitor, analyze, and act on data insights.
- Designed and implemented interactive dashboards and data visualizations, enhancing data interpretation and decision-making capabilities.
- Developed and maintained a custom library of reusable React components, improving development efficiency and UI consistency.
- Created a React Native mobile app featuring key platform functionalities and an alert/notification system, extending data monitoring capabilities to mobile devices.

Thinkingbox

 - thinkingbox.ca

Jul 2015 - Nov 2015

- Developed mobile-first websites for high-profile film releases using React, including "The Gift" and "Secret in Their Eyes", enhancing digital marketing strategies in the movie industry.

JCOMMOPS

 - jcommops.org

Apr 2014 - Sep 2014

- Engineered a data management solution for ocean research programs
- Developed a desktop-like application with custom widgets for intuitive data handling
- Designed interactive dashboards and charts for data visualization
- Created a specialized widget for map exploration and download, enhancing geospatial data accessibility

Personal projects

- Journaling App (www.my-personal-journal.com): Developed with TypeScript, React v18, and Firebase. Features CI/CD pipeline using GitHub Actions, Google Cloud hosting, and Algolia-powered search functionality.
- Trading Analysis Tool: Built with React, Python (Flask), and MongoDB. Ingests CSV data, processes it into JSON, and generates insights for day-trading strategies. Personally utilized for daily trade planning and progress tracking.
- Data Visualization Projects:
 - Interactive dashboards using Business Objects and Qlikview
 - Responsive production data management app using MEAN stack (MongoDB, Express, Angular, Node.js)
- Web Development:
 - Basic social network (PHP, MySQL)
 - Various J2EE web applications (Java, Servlets, XML)
- Continuous Learning: Completed multiple courses on Frontend Masters, focusing on modern web development techniques and best practices.

Education

Master in Information Systems and Software Development - UT1 Capitole, France

2012 - 2014

Hobbies

Kiteboarding, Mountain biking, Skiing
Staying up to date with web technologies (blogs, videos)