

Yann Crenn

Full-Stack Web Developer

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Dynamic Full-Stack Web Developer steeped in the meticulous application of JavaScript, React, GraphQL, and TypeScript, nurturing a profound passion for crafting user-centric web applications. I bring to the table an analytical mindset honed for diagnosing and enhancing code quality, flourishing in both solitary and collaborative environments to foster innovation and streamline website functionality. My trajectory illustrates a seasoned leader adept at steering compact teams to the successful realization of comprehensive, start-to-finish projects.

Authorized to work in the US for any employer

Work Experience

Software Engineer

Promenade - Los Angeles, CA

March 2022 to April 2023

- Designed, built, and maintained full-stack applications with a focus on usability, utilizing key technologies such as React, Redux, Typescript, PostgreSQL, Node.js, GraphQL, Redux, Mobx, MUI, RTK Query, Docker, Github, and AWS.
- Championed code quality by conducting rigorous code reviews and writing unit tests using Jest.
- Enhanced the productivity of the development team by contributing to internal tools and libraries.
- Boosted application performance by 40% through the strategic implementation of RTK Query and effective state management libraries.
- Designed and integrated both RESTful APIs and GraphQL endpoints, ensuring robust, efficient data retrieval and mutations for the application's backend.
- Leveraged expertise in JavaScript and React to troubleshoot and resolve issues related to application functionality and performance.

Software Engineer

Ripe Metrics - San Diego, CA

September 2021 to March 2022

- Designed, built, and maintained full-stack applications, utilizing key technologies such as React, Redux, Typescript, MySQL, Github, Tailwind, Postman, and Next.js.
- Utilized Postman API for testing, documentation, and understanding the structure and behavior of APIs, significantly boosting the team's development efficiency.
- Played a pivotal role in the implementation of a rigorous testing framework using Jest, which led to a 15% decrease in production bugs and fortified the application's resilience and reliability.
- Drove a key initiative to enhance application responsiveness: minimized direct DOM interactions and maximized the use of React's state management, yielding a 30% performance boost in rendering speeds.
- Regularly collaborated with cross-functional teams, including designers and product managers, to ensure the alignment of tech solutions with business goals.

- Leveraged the capabilities of Next.js for server-side rendering and static site generation, resulting in a 20% reduction in page load times and bolstering overall user retention rates.

Software Engineer

curb360 - Encinitas, CA

June 2019 to September 2021

- Built and maintained scalable full-stack applications using a modern tech stack, including React, React Native, Redux, Typescript, and GraphQL.
- Utilized React Native's capabilities to create intuitive user interfaces and deliver a seamless, native-like user experience across different mobile platforms.
- Championed code quality by writing unit tests and conducting rigorous code reviews.
- Applied deep understanding of GraphQL and REST API best practices to optimize network requests, improving overall application performance by 50%.
- Collaborated effectively with team members to plan, prioritize, and execute development tasks.
- Led the transition to MongoDB, optimizing data structures and implementing efficient schemas to ensure high-speed database interactions, which significantly enhanced the application's performance and scalability.

Education

Online Courses with Frontend Masters

June 2011 to Present

Full Stack Web Development Bootcamp

Learn Academy Coding Bootcamp - San Diego, CA

April 2020 to August 2021

Bachelor's Degree in Computer Science

College le Likes - Quimper, France

September 2007 to July 2011

Skills

- Testing/Debugging: Jest, Postman, Cypress
- Frameworks/Libraries: React, React Native, Next.js, Ruby on Rails, Redux, RTK Query, Mobx, TailwindCSS, MUI, Sass, Figma
- Back-end: Node.js, Express.js, MongoDB, PostgreSQL, MySQL, SQLite, GitHub, GraphQL, REST API, AWS
- Others: Git, Agile development, Problem-solving, Teamwork, Communication
- Languages: JavaScript, CSS, HTML, Typescript, Ruby, Python

Languages

- English - Fluent
- French - Fluent

Links

<https://github.com/yannsf29>

<https://www.linkedin.com/in/yann-crenn-23812b230>

Additional Information

Projects: All source code is available on GitHub: <https://github.com/yannsf29>

- Budgeting Application: A React application that aids users in organizing their monthly budget, offering a streamlined approach to financial management.
- Food Application: A handy tool for food enthusiasts, this application offers a variety of recipes to explore, helping users find their next favorite dish with ease.
- Cocktail Application: This application serves as a virtual bartender, guiding users in crafting the perfect cocktail through a vast collection of recipes.
- Movie Application: A movie buff's paradise, this application facilitates the discovery of both classic and contemporary films, offering detailed insights and reviews.
- Portfolio: A dynamic, interactive React application showcasing personal projects and experience.
- Shopping Cart Application: This application streamlines the online shopping experience, ensuring easy item selection and seamless user interaction.