Yann Crenn

Full-Stack Web Developer

Encinitas, CA 92024

yanncrenn.softwareengineering@gmail.com

+1 619 366 7343

Professional Summary

Results-driven Full-Stack Web Developer with expertise in JavaScript, PHP, Python, React, GraphQL, and TypeScript, specializing in building scalable, user-focused web applications. Known for exceptional problem-solving skills, particularly in debugging and resolving complex platform issues to ensure optimal functionality and user satisfaction. Adept at collaborating with cross-functional teams and leveraging agile methodologies to deliver high-quality solutions. Passionate about optimizing performance and reliability, having successfully implemented architectures and systems that significantly improved application speed, stability, and engagement.

Authorized to work in the US for any employer

Work Experience

Software Engineer

Meta / Sigma Connectivity-Carlsbad, CA

July 2024 to Present

• Successfully migrated a critical component of the Workplace platform to a new architecture.

• Improved the overall reliability of the Workplace platform by implementing automated error detection and alerting systems.

• Implemented automated testing and deployment scripts to streamline the development process and reduce errors.

• Worked closely with the core engineering team to resolve complex technical issues and improve overall system reliability and performance.

• Contributed to the development of internal tools and processes to improve engineering efficiency and productivity.

Software Engineer / AI Trainer

Outlier-Encinitas, CA

April 2023 to July 2024

• AI Training and Code Review: Engaged extensively in the meticulous review and validation of user-submitted prompts, ensuring high accuracy and reliability of the AI models. Leveraged proficiency in JavaScript and Python to analyze and refine the underlying algorithms, focusing on enhancing response quality and minimizing potential errors. This process involved rigorous testing and iterative improvements, contributing significantly to the development of robust AI applications that consistently meet user needs and expectations.

• Debugging and Problem Solving: Specialized in fixing bugs in AI applications using advanced debugging techniques in JavaScript and Python to ensure optimal web performance.

• Technical Leadership: Guided AI technology integration and application, utilizing JavaScript and Python expertise to solve technical challenges and improve system functionality.

• Collaboration and Delivery: Worked with global remote teams to maintain high code quality and ensure project adherence to technical and client specifications.

• Continuous Learning and Skill Enhancement: Kept up-to-date with AI and web development technologies, continuously honing JavaScript and Python skills to align with industry best practices.

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.

• 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.

• 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.

• 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 Business
College le Likes - Quimper, France
September 2007 to July 2011

Skills

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

Languages

- English - Fluent
- French - Fluent

Links

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

https://github.com/yannsf29

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.