

Yohann Potico

Software Engineer

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Software engineer with several years of experience building full-stack applications. Proficient in on-site, distributed-team, and contractor environments. Demonstrated ability to lead projects from UX/UI design through system architecture to deployment.

WORK EXPERIENCE

Software Engineer

Apr 2022 - Present

Freelance

Build applications and softwares: data [visualization](#) interfaces, trading tools/applications, e-commerce [webpages](#), online networking platforms.

JavaScript/TypeScript, React/React Native, Node, Python, NextJS, PostgreSQL; Shopify, Google, Stripe APIs

Software Engineer, Product Manager

2020-2022

OpenEvidence

- Built a platform hosting AI-enhanced content. Created data visualization web applications to increase traders' productivity.
R/Shiny; quantmod; Yahoo, Tiingo APIs; Google Cloud Platform, Amazon Web Service
- Teamed up with ML engineers to develop [Xyla](#), a groundbreaking service that processes LLM and generates scientific articles, significantly enhancing research efficiency.
React, Django, Python, PostgreSQL, Redis, Jenkins
- Product Manager at UHDArchive, a [Maximus](#)/IMAX joint venture: partnered with AI researchers to oversee beta testing, lead market research, establish a pricing framework, negotiate agreements with content producers, driving strategic project advancements.

Teaching Assistant, Mentor

2019-2021

Columbia Engineering Coding Boot Camp | 2U

- Delivered a curriculum including HTML, CSS, JavaScript, jQuery, React, Node, Python, MySQL, MongoDB.
- Provided both in-person and remote tutoring to support students, contributing to a retention rate of 93%.
- Mentored 12 graduates, assessed assignments, and supervised projects.

Software Engineer

2017-2020

ICI | Freelance

- Contracted with Independent Curators International to resolve submission issues, enhance geolocation features, update and archive content, and develop a donation interface.
HTML, CSS, jQuery, PHP, PayPal API
- Built an application for restaurant professionals that facilitates shift exchanges, reducing scheduling time and labor management by 30%. Designed intuitive UX/UI, a custom calendar, and instant notifications. Implemented APIs, data modeling, authentication.
HTML, CSS, React/Redux, MongoDB, Node, Express, JSON Web Tokens, Pusher

- Created a platform enabling freelancers to monitor activity and income from one place and cut administrative time. Designed UI/UX, implemented instant messages, video chat, and payments. Developed back end (data modeling, authentication, payment processing).

HTML, CSS, React/Redux, MongoDB, Node, Express, JSON Web Tokens, Passport, Socket.io, geolocation API/Google maps, react-stripe-checkout, WebRTC

SKILLS

Programming languages

JavaScript/TypeScript Python R SQL

Frameworks/Libraries

React React Native Redux React Testing Library Jest Node.js GraphQL
ChartJS D3 Django Flask PyTorch Pandas NumPy scikit-learn quantmod
Shiny

Databases

PostgreSQL SQLite MongoDB DynamoDB Redis

Languages

English (fluent)
French (native)

EDUCATION

La Sorbonne, Paris, France

Bachelor of Arts in History

Thinkful, New York, NY

Software Engineering Certificate