

JOHN SULLIVAN

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Elicit – Senior Full Stack Software Engineer

2024 – Present

- Successfully led many projects that delivered new features and products to users using Node.js, TypeScript, React, and Python.
- Modernized frontend architecture by introducing Redux and mentoring team on frontend practices.
- Recognized for excellent project management and clear communication. Working across design, product, and engineering to ensure successful project outcomes.

Shmeppy – Software Engineer & Founder

2018 – 2024

- Bootstrapped the SaaS business from ideation to launch. Conducting market research, UX design, and finally architecting and implementing a full-featured product on Node.js, TypeScript, and React.
- Built a branded subscription system on [Stripe Elements](#) and optimized the onboarding funnel to attract 27K users who built 80K maps.
- Developed analytics pipelines in Python and Rust which could instantly process 500M logs and drove many decisions like the timing of the premium accounts launch and which marketing channels to invest in.

Khan Academy – Senior Software Engineer

2016 – 2018

- Bootstrapped a team of five to finish the work of a critical, failed project that aimed to drastically expand their localization abilities. Quickly onboarded new Senior Engineers and conducted end-user interviews and high-level design while becoming an expert in an aging part of the GCP, Python, and React codebase.
- Proposed, designed, and co-built a [Selenium](#) end-to-end testing system that prevented critical flows like signup and login from going down despite their continuous deployments.

Khan Academy – Software Engineer

2014 – 2016

- Built the React frontend for the launch of Official SAT® Practice, led a team of four to lay a foundation for new test prep products, and was promoted shortly after.
- Championed adoption of [Flux](#) (later [Redux](#)) simplifying state management across the company.
- Created [their original engineering blog](#) to help with recruiting and knowledge-sharing internally and beyond.

Self-Employed – Freelancer (Part-Time Contracts)

2007 – 2013

Completed over 20 contracts including building [ColorTrack Realtime](#)'s desktop interface and a CMS for a senior community home broker in C# and WPF, and a ribbon toolbar with RTL language support in VB6.

Additional Experience

- Interned at [Khan Academy](#), [Mozilla](#), and [JetHead Development](#).
- Contracted to build Unity extensions for [Primer Learning](#)'s 1.8M subscriber YouTube channel.
- Taught C++ and Python as a Supplemental Instructor at the [University of California, Riverside](#).
- Co-founded [Galah Group LLC](#) and built a product with Python, MongoDB, Flask, and OpenVZ containers.