John Sullivan

Email • GitHub

Shmeppy Lead Software Engineer & Founder   2018 – Present

`TypeScript` `React.js` `PostgreSQL` `Vite` `Node.js` `Rust`

- Founded the SaaS product Shmeppy which has over 800 active subscribers.
- Built a delightful map editor on the Canvas API with multi-user collaboration supported via the operational transformation algorithm.
- Operated alone until recently hiring a junior developer, growing the team to two.
- Built analytics pipelines and tools to support informed, data-driven decisions.
- Created payment flows, backup & monitoring systems, marketing campaigns, and much more.

Primer Learning Staff Software Engineer (Part-Time Contract)   2022 – 2023

- Built Unity simulations and editor extensions for their YouTube channel with 1.7M subscribers.
- Assisted in hiring and onboarding their first full-time developer.

Khan Academy Senior Software Engineer   2016 – 2018

`JavaScript` `React.js` `Python` `Google Cloud Platform` `BigQuery` `Selenium`

- Led a team of five to display different content trees to users in various locales. Developed new content editing tools for creators. Completed fundamental infrastructure allowing code to seamlessly access the new trees. Educated other teams on the new infrastructure.
- Proposed, designed, and co-built a cloud-based end-to-end testing system, and directly negotiated for free infrastructure from Sauce Labs.

Khan Academy Software Engineer   2014 – 2016

- Built the frontend for the launch of Official SAT® Practice. Then led a team of four to expand its functionality and lay a foundation for other test prep products.
- Created Khan Academy's original engineering blog and encouraged contributions to it.

Various Companies Freelance Software Engineer   2007 – 2013

`Python` `C#` `WPF` `Visual Basic 6`

Completed over 20 contracts in various industries with terms ranging from 1 to 36 months.

Additional Experience

- Interned at Mozilla, JetHead Development, and Khan Academy.
- Taught Computer Science as a Supplemental Instructor at UC Riverside.
- Co-founded Galah Group LLC.