

# Jonathan Kurinsky

Philadelphia-based &/or Remote Software Engineer  
[krnsk0.dev](https://krnsk0.dev) | [github.com/krnsk0](https://github.com/krnsk0) | [linkedin.com/in/krnsk0/](https://linkedin.com/in/krnsk0/)  
jkurinsky@gmail.com | (847) 962-3309

## TECHNOLOGIES & SKILLS

Highly proficient in: web application development using React and its ecosystem; SPA design and architecture using state-management frameworks and concepts (Redux, Sagas, React hooks); static site development using tools like Gatsby and 11ty; SASS but also CSS-in-JS via tools like Emotion; functional, declarative programming style in ES6+ Javascript; Webpack/Babel & Parcel tooling environments; TDD using Jest & the Testing Library suite. Somewhat experienced with: Typescript, Python, microservice & serverless application development in Node, e2e automation using Puppeteer & Test Cafe, HTML5 canvas API, web performance optimization, websockets & multi-user real-time web application architectures, microfrontends architectures. Some familiarity with GraphQL, AWS, GCP, Svelte.

## WORK EXPERIENCE

### **Software Engineer (August 2020 - Present)**

**IKEA, Philadelphia (remote):** Tech lead for cross-functional agile squad focusing on SEO & web performance optimization. Designed and built suite of Puppeteer-based synthetic-user performance testing tools to help devs uncover page load time improvements for IKEA's microfrontends-based global ecommerce platform. Designed and ran web-performance A/B tests. Advised teams in best practices for web performance & developer tooling.

### **Engineer 2, Software Development (October 2019 - July 2020)**

**Comcast, Philadelphia (remote):** Lead UI dev for greenfield React-based customer-facing payments app with millions of users. 70/30 split between code and story writing/mentorship/reviews. Co-designed a bespoke React-based microfrontends architecture and built associated tooling, later rolled out to multiple teams; co-led effort to push cross-functional agile teams toward CI/CD practices. Built and iterated on Node-based microservices. Organized and presented at internal training sessions on Node as part of department-wide effort to unify around a JS-based middleware stack. Wrote documentation and designed curricula to help onboard junior engineers.

### **Teaching Fellow (June 2019 - September 2019)**

**Fullstack Academy, Chicago:** Mentored & taught students at 13-week web dev bootcamp; wrote repo using test-based learning to teach direct DOM manipulation; project-managed, graded, reviewed student work; led algorithm exercises; conducted technical interviews with prospective students.

### **Logistics & Operations Manager (September 2011 - November 2018)**

**Haymarket Books / Center for Economic Research and Social Change, Chicago:** Self-taught Python to build tools for automating operations workflows for a nonprofit publisher through period of 400% growth in order volume. Solo author & maintainer of an object-oriented codebase integrating web scrapers, APIs, shipping hardware, and data viz tools behind a CLI. Co-stakeholder for an agency-led rewrite of company website. Content manager / audio editor for [www.wearemany.org](http://www.wearemany.org); automated audio post-production and content management workflows using Python, SoX, boto3.

## PROJECTS (see portfolio for more: [www.krnsk0.dev](http://www.krnsk0.dev))

**guser** [[npm](#)] [[repo](#)] August 2020

Open-source interactive git user switcher for the command line.

**Pixalive** [[deployed site](#)] [[repo](#)] May 2019

A multi-user, real-time, React- and websocket-based animated pixel art editor. Bootcamp project.

## EDUCATION

### **Fullstack Academy (January 2019 - May 2019)**

13-week rigorous immersive development bootcamp teaching industry-standard professional practices and tooling for modern front- and back-end web development using a Javascript-based stack.

### **University of Chicago (September 2005 - June 2009)**

BA in philosophy; focus on logic & formal semantics. Multiple awards for academic papers & contributions to undergraduate academic life.