Jonathan Kurinsky
Philadelphia-based &/or Remote Software Engineer
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TECHNOLOGIES & SKILLS
Highly proficient: web application development using React and its ecosystem; SPA design and architecture using state-management frameworks and concepts (Redux, Sagas, RxJS, 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 and Typescript; Webpack/Babel, Parcel, Snowpack tooling environments; TDD using Jest & the Testing Library suite. **Somewhat experienced**: Python, C++, microservice 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:** 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 perf optimization. Designed/built a Puppeteer-based synthetic-user performance testing tool to help devs uncover page load time improvements for IKEA's microfrontends-based global ecommerce platform; received an "IKEA Innovator" award for this work. Designed/ran web-performnce A/B tests using this and other tools. Advised teams in best practices for 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; automated audio post-production and content management workflows using Python, SoX, boto3.

PROJECTS (see portfolio for more: 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)
BAin philosophy; focus on logic & formal semantics. Multiple awards for academic papers & contributions to undergraduate academic life.