Daniel Kaspo

Software engineer & product founder

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I build user-facing software, from responsive websites and operational dashboards to connected hardware. My work brings together frontend implementation, design collaboration, and clear explanations that help teams review and test what we build.

RECENT EXPERIENCE

keyboard.gg

Aug 2019 - Present

Founder | The Edgeguard keyboard-to-controller adapter

- Built the Edgeguard, an adapter that lets players use a keyboard as a Nintendo Switch controller, with a browser-based tool for configuring controls.
- Designed the PCB in KiCad, selected components, and wrote C firmware for an FT900-series microcontroller. Worked with manufacturers on custom enclosures and cables.
- Built configuration software using JavaScript, React, WebUSB and WebAssembly, connecting the web interface to the physical device over USB.

Detroit Labs

Oct 2017 - Dec 2025

Software Engineer | Client product teams and embedded delivery

- **Bedrock Detroit:** Integrated Contentful with React components and served as a technical point of contact. Compared CMS platforms and recommended Webflow based on platform support and developer experience.
- **Driveway:** Contributed to vehicle-financing flows, implemented animator-supplied checkout motion using Lottie, and built email templates with MJML.
- **Lineage MetricsOne:** Helped build a cold-storage operations dashboard covering facility performance, product locations and time in storage.
- **Rocket Professional:** Contributed to a web application with client and loan workflows and mortgage rate-sheet views.
- **Prototypes:** Rapidly built a scheduling calendar for Delta and an animated data-visualization concept for prospective-client engagements.
- Trusted to mentor newer developers through pair programming, letting partners drive and using questions to guide implementation and debugging.
- Frequently provided technical time estimates for task lists during prospective-client engagements.
- Created video walkthroughs and explicit PR testing instructions. Helped manage Jenkins and configure CI/CD jobs.

EARLIER EXPERIENCE

Barracuda Networks
Sep 2014 - Oct 2017

Software Engineer

- Worked on Copy.com and CudaDrive, consumer and enterprise cloud-storage products; contributed to CudaDrive's web application using Backbone.js.
- After those products were discontinued, moved to Barracuda Cloud Control and worked on the HUI dashboard using React and ES6 JavaScript.

MyEtherWallet
Jun 2017 - Jul 2017

Software Engineer | Contract

- Contributed to the next major frontend for MyEtherWallet.

Kensington Community Church
Apr 2012 - Sep 2014

Web Developer

- Rebuilt the fixed-width PHP website on the Arena church CMS and implemented a responsive design using Foundation for the organization's website rollout.
- Created CMS modules in C#/.NET and a JavaScript application for loading gift cards.

New World Systems
May 2011 - Aug 2011

Intern

- Designed SSRS reports and worked on website compatibility issues.

INDEPENDENT WORK

Yokai | Ghost blog hosting, 2013
Built a responsive signup website and Node.js provisioning service that created and hosted Ghost instances, with subscription payments. The service is now retired. Project story.

TECHNICAL TOOLKIT

Web: JavaScript, React, Redux, HTML, CSS, responsive design, Node.js, PHP, Backbone.js, C#/.NET.

Design & delivery: Lottie integration, MJML, Litmus, Git, Jenkins CI/CD, video walkthroughs, pairing and code review.

Hardware & systems: C firmware, KiCad, WebUSB, WebAssembly; hands-on Linux server administration, Docker and self-hosted services.

EDUCATION

Macomb Community College
Associate's degree, Computer Science | 2010 - 2013