Chas Kane

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Frontend Engineer (6 years) with experience at Meta and Airbnb, specializing in interactive editors, authoring tools other people can extend, and canvases that stay responsive while users push their limits.

Experience

Freelance Software Engineer | Tash & Chas Studio *May 2024 – Present*

Two-person studio. We take founder products from prototype to production: ops platforms, embeds, and mobile apps.

- With Tash Canter, replaced an ads and privacy company's spreadsheet (domains, GTM, API keys, pixels) with a TypeScript, Node, and Supabase config, including the field schema and the audit log.
  Key result: That team extends its own client setup, including new fields, without opening a ticket.
- Co-built an embeddable AI video chat and owned the postMessage contract between the JavaScript widget and the React app, so the host's configuration is what the embed ran.
- Co-built LoveLace, a React Native health app with a partner graph, Go and PostgreSQL, and real-time sync. Shipped on iOS and Android.
- Built Gay Toolbar, a customizable Obsidian plugin with thousands of cumulative downloads.

Software Engineer | Peloton *July 2022 – July 2023*

Connected-fitness company. Store team, on the bike and accessories pages in the middle of the purchase path.

- Wired each React variant so the shopper's branch and the analytics event stayed on the same test, migrated the pages into Page Builder, and tied show and hide rules to viewer attributes and outreach links.
  Key result: Hundreds of mid-funnel experiments shipped, and researchers could launch the next treatment without an engineer.

Contract Software Engineer | Airbnb *September 2021 – December 2021*

After the IPO, host-incentive payouts needed Finance approval before money moved.

- Revived Lachlan, the payout tool, and extended the React workflows and Java/Thrift APIs so Finance approval covered program changes and individual payouts.
  Key result: A payout could not ship until Finance had approved it.

Software Engineer | Facebook (now Meta) *February 2020 – October 2020*

Proton, an internal editor: designers specified apps in Facebook's React components, and engineers shipped them.

- Added editor components designers pulled from the shared library, which saved setup time and kept specs consistent.
- Moved editor state from one Redux store to Recoil and added continuous performance tests across real use cases.
  Key result: Large projects rendered faster, and regressions showed up in those tests on their own.

Web Development Contractor | Sportzcast Inc. *November 2018 – January 2020*

Sports-broadcast graphics. Media managers build live scoreboard overlays and publish them to the web.

- Built a React and Redux drag-and-drop overlay editor and moved multi-element drag off the Redux hot path onto react-spring, so the canvas stayed responsive while media managers placed elements.
- Shipped a Dockerized iframe server wiring .NET-exported scoreboards to live Firebase data.
  Key result: That live path shipped in three days.

Software Development Intern | The Home Depot *May 2018 – Aug 2018; May 2019 – Aug 2019*

Home-improvement retailer. Both summers shipped production apps for corporate staff who do not write code.

- Shipped a React and Go recruiting tool, and moved a Google Vision integration from per-language client libraries onto a REST reverse proxy.
  Key result: Recruiters nationwide used it in production.
- Returned the next summer and shipped a React and Java Spring Boot app, plus a dropdown in the shared React library. After trying React Context, advised the tech lead against it for global state.
  Key result: Every corporate manager used it in production.
- Mentored fellow interns in React, Java, and the corporate app design process.

Skills

- **Languages:** TypeScript, JavaScript, Go, Java, Python. **Front-end:** React, React Native, Next.js, SVG. **Back-end & data:** Node.js, PostgreSQL, Supabase. **Tools:** Docker, Vite.

Education

Bachelor of Computer Science | University of Central Florida, Orlando *December 2019*

- Graduated with a 3.6/4.0 and honors while serving as Diversity Coordinator for the ML/AI club in the Computer Science department.