

Kota Cody Enokida

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Experience

Nominal

New York City, NY

Senior Software Engineer, Frontend

May 2026 - Present

- Promoted to Frontend Team Lead to lead development of a 0→1 cloud-native **HMI** platform, building an interactive web canvas (**react-flow**) for hardware visualization and remote device control
- Collaborated with researchers and designers to define product architecture, authored technical design documents and implementation plans, and drove roadmap planning for a new product vertical

Software Engineer, Frontend

Mar 2025 - May 2026

- Architected a **Valtio**-based video system, synchronizing multi-camera video and telemetry across seek, pause, playback, and live streaming via **WHEP (WebRTC)** for historical and real-time hardware test analysis
- Built the MVP for a hardware test sequencing platform, designing a DAG-based state machine editor for version-controlled test procedures. Integrated **REST/gRPC** APIs, state management, and **Temporal** workflows to enable channel validation and automated test execution
- Optimized hand-rolled **canvas**-based time-series visualization for live streaming and historical analysis of hardware tests, improving bucketing configurations for large-scale datasets while leveraging **Web Workers**, **Apache Arrow**, and **WebSockets** to process 10M+ data points/sec with reliable low-latency streaming
- Created **Datadog** monitors and dashboards to triage incidents and log application health checks
- Watched the company grow from 40 to 250, helping author onboarding materials and hosting architecture talks

C3.ai

Redwood City, CA

Software Engineer, Platform

Aug 2022 - Nov 2023

- Extended existing **Apache ECharts** and **ReGraph** visualizations, improving styling and functionality
- Implemented **KML** and **GeoJSON** support for **MapBox** geo components with interactive clustering, custom tooltips, and dynamic styling, enhancing GIS capabilities across 5 production applications
- Built and maintained a shared UI component library in **TypeScript**, **React**, **Redux**, and **SCSS**, using Storybook to standardize docs, development, and migrate legacy components into a unified design system
- Expanded unit test coverage across 50+ UI components using **Cypress**, **Selenium**, and **Jasmine-Enzyme**

Projects

Cody's Chip Catalogue (codyschips.xyz) | *Figma, Next.js, TailwindCSS, Supabase*

Oct 2024 - Present

- Query through 1000s of your favorite potato chips and rank them on this online free database
- Utilizing **Next.js** for basic static site generation and serverless functions for emails, notifications, and auth
- 3000+ monthly visitors and utilizing **Cloudflare R2**'s free egress costs to keep image serving costs to \$0

AirSwap, RFQ on Ethereum Blockchain (airswap.io) | *React, web3.js, ethers.js, i18n*

Jun 2021 - Jan 2022

- Contributed 60+ commits as one of its first contributors to an **open-source** RFQ (Request-For-Quote) exchange on the Ethereum Blockchain, carrying out over \$4 billion in all-time token trading volume.
- Used **React**, **ethers.js**, and **i18n** to build out internationalization, animations, and accessible components.
- Led implementation of **React Redux**, **localStorage** transactions, and middleware to filter valid token pairs.

Education

University of California, Irvine

Irvine, CA

B.S. Computer Science

Aug 2018 - Dec 2021

Skills

React, Redux, Next.js, HTML5, CSS3, JavaScript, TypeScript, Node.js, Figma, Python, Java, SQL