

Ray Coti

Senior Frontend Engineer

Raycoti2@gmail.com • [Linkedin.com/in/raycoti](https://www.linkedin.com/in/raycoti) • github.com/raycoti

SUMMARY

Senior frontend engineer with 8+ years building React and TypeScript applications end-to-end, including 3 years leading a four-engineer frontend team for the first US-regulated security token trading platform (acquired in 2021). At Albert.io, built accessible, interactive learning features for thousands of schools and drove the TypeScript and Zustand migrations. Works across Node, PHP, and Elixir backends and directs AI coding agents with Claude Code.

EXPERIENCE

[Albert.io](https://albert.io) — *Online learning platform used by thousands of schools*

Frontend Software Engineer

Feb 2021 – Mar 2026

One of five frontend engineers owning major features end-to-end, with an emphasis on accessible, interactive, responsive interfaces. Shipped in React and TypeScript, using A/B tests, feature flags, and E2E tests to run rolling releases.

- Architected the new assignment creation flow with advanced searching across multiple subjects/topics and standards. After an 80% increase in usage, deprecated and removed all legacy code.
- Implemented virtualized lists that cut results load time from 30 seconds to under 4 seconds.
- Expanded the error-detection pipeline, reducing error incidents by over 40%.
- Spearheaded the TypeScript migration, converting over 70% of the application, and contributed to the Tailwind migration with IntelliSense warnings for deprecated classes.
- Led the initial phases of migrating question stores away from a custom state management flux framework. Drove adoption by building strict typing, utility functions, and custom hooks to handle both store types and streamline the migration to Zustand.
- Delivered Spanish-language support for question prompts, explanations, and supplements across assignment and adaptive-practice views, launching in 4 subjects for all students with a school-level opt-out.
- Built a rich-text editor for written responses and drag-and-drop for fill-in-the-blank and matching questions, with keyboard and screen-reader support; extended keyboard navigation to nav bars, search results, and assignment navigation, and audited with axe.
- Refactored legacy code to ship new features, including bulk user creation from large CSV files to add entire schools at once, toast notifications, and pagination.
- Directed Claude Code agents to implement scoped engineering subtasks, expanding test coverage and accelerating feature delivery across the application.

[Openfinance Securities, LLC](https://openfinance.com) — *First US-regulated security token trading platform (acquired 2021)*

Lead Frontend Software Engineer

Jan 2018 – Jan 2021

Frontend Software Engineer

Oct 2017 – Jan 2018

Led a team of four frontend engineers building the platform's AML/KYC onboarding, trading, account management, and internal admin/CRM applications, while contributing API routes to the Node backend.

- Architected the frontend in React, TypeScript, and Redux, taking it from prototype through beta to production launch in six months on a biweekly release cadence backed by strict typing and unit tests.
- Built onboarding flows that registered 50+ accredited investors and companies on the platform.
- Implemented client-side authentication with JWT access and refresh tokens across four microservices.
- Created a reusable React component library to standardize UI/UX.
- Developed frontend SDKs adopted by 3 partner engineering teams and collaborated with external engineers to onboard company tokens, helping the platform reach a dozen listings.
- Shipped Node API routes and backend hotfixes alongside frontend changes and implemented API mocking for end-to-end testing.
- Served as domain expert for the platform's APIs and interfaces, identifying and resolving technical debt.

TECHNICAL SKILLS

TypeScript, React, JavaScript, HTML, CSS, Redux, Node, Python, Java, OAuth 2.0, PHP, SQL, C#, Playwright, Jest, Figma, GraphQL, Next.js, NestJS, Immer.js, Elixir, Claude Code, GitHub Copilot

EDUCATION

Connecticut College — B.A., Computer Science

2016