RAFAEL AMIEL GAN

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OBJECTIVE

Front-end Software Engineer (2 YOE) focused on accessible, component-driven UI engineering. Experience shipping production features in Blazor + Syncfusion and building React + TypeScript applications. Strong in modern UI architecture, performance optimization, and testing. Seeking front-end roles building scalable interfaces with React/Next.js.

EDUCATION

M.S. Computer Science (OMSCS), Georgia Institute of Technology *Expected 2030*
Enrolling Spring 2026

B.S. Computer Science, Arizona State University *2020 – 2024*
Summa Cum Laude • President's Scholar • Minor in Business

SKILLS

- **Languages/Frameworks:** JavaScript, TypeScript, React, Next.js, Blazor, Syncfusion, HTML/CSS, Tailwind, Vite
- **Frontend:** Component Architecture, Context API, Accessibility (WCAG 2.1 AA), Performance Optimization
- **Testing/Tools:** Vitest, RTL, Unit Testing (85%), Zod, DevTools, WAVE, NVDA
- **Practices:** Design Systems, Code Reviews, Agile, API Integration

EXPERIENCE

Software Engineer Aug 2024 – Present
Cognizant, TriZetto QNXT Modernization Team *Remote*

- Built modular, reusable UI components for QNXT modernization; patterns adopted for future modules.
- Implemented WCAG/ARIA semantics raising WAVE accessibility score from **1/10 → 9.9/10**.
- Partnered with Product and Solution Owners to translate business workflows into scalable, maintainable UI.
- Delivered key UI flows for the **HSC 2025** demo under a three-week deadline.
- Maintained 85%+ unit test coverage; validated accessibility via WAVE and NVDA.

Software Engineer Intern Jun 2023 – Aug 2023
Cognizant, TriZetto QNXT Modernization Team *Remote*

- Built the Blazor + Syncfusion POC validating modernization feasibility.
- Developed core console page for performance and integration testing.
- Implemented initial UI/architecture patterns influencing long-term design.
- Delivered functional demo used to secure modernization approval.

PROJECTS

IQity Brain Performance Report *React, TypeScript, Vite, Tailwind, Radix UI, Recharts*

- Production SPA for medical data visualization used in live client presentations.
- Built 8 typed, reusable modules (executive summary, biomarkers, cognitive foundations, recommendations).
- Implemented REST + JSON data pipelines with strict Zod runtime validation.
- Used **useMemo/useCallback/useEffect** to optimize rendering for large datasets.
- Delivered WCAG-compliant UI and automated tests (Vitest + RTL).

AWARDS

Raise the Bar Award — Recognized for high-impact UI delivery, accessibility uplift, and engineering excellence.