Edwin Alexander Vargas

Frontend Developer · React & TypeScript

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SUMMARY

Frontend developer building React and TypeScript apps that people use: a client's business website, a multiplayer poker game and Kingpin, a bowling league tracker. Brings 9+ years in healthcare revenue cycle, working in rules-heavy, accuracy-critical workflows with non-technical teams. Bilingual in English and Spanish.

TECHNICAL SKILLS

Frontend: React, TypeScript, JavaScript, Next.js, HTML, CSS, Tailwind CSS, Redux Toolkit, Zustand, Three.js, GSAP
Backend & data: Firebase (Auth, Firestore, Cloud Functions, Hosting), Supabase, REST APIs, Axios, Stripe, EmailJS
Testing: Vitest, unit testing, test-first development
Tools & workflow: Git & GitHub, feature branches and pull-request reviews, Vite, Vercel

PROJECTS

AP Plumbing & Rooter · Client website — applumbingrooter.com
React, Vite, Tailwind CSS, Firebase, Firestore, EmailJS

- Built and maintain the website for a Los Angeles plumbing business: services, customer reviews and quote requests.
- Redesigned and rebuilt the site as a second version, deployed it on Vercel and moved the live domain to it.

Poker Table — poker-fb69e.web.app
React, TypeScript, Vite, Zustand, Tailwind CSS, Firebase, Cloud Functions, Vitest

- Play-money Texas Hold'em for 2 to 8 friends across devices; a server deals every hand and checks every move.
- Wrote the game engine test-first, covered by 340+ Vitest tests, and kept a decision log documenting architecture choices.

Kingpin · Bowling league tracker — bowling-tracker-one.vercel.app
React, TypeScript, Vite, Tailwind CSS, Zustand, Supabase, Vitest

- Ball-by-ball score sheets, pin-leave tracking and stats by oil pattern, synced across devices with Supabase.
- Live bingo and 3-6-9 side pots that update as you score, a no-account guest mode, and 310+ Vitest tests.

NFT Marketplace · Frontend Simplified virtual internship — edwin-internship.vercel.app
React, Axios, Bootstrap

- Turned a static marketplace into a dynamic React app: API-driven carousels, dynamic routes, skeleton loading, pagination and sorting.
- Shipped each feature on its own Git branch through pull requests reviewed by a senior developer.

EXPERIENCE

Special Projects Analyst, Collections · Hollywood Presbyterian Medical Center — Jan 2024 – Present

- Analyzed a portfolio of underpaid accounts totaling over $700K for one payer and led the appeal process that turned disputed claims into recovered payments.
- Build tracking logs and underpayment analyses in Excel; escalate recurring issues directly with health plans.
- Interpret contracts and compliance rules to keep high-volume account work accurate.

ER / Outpatient Admitting Representative · Hollywood Presbyterian Medical Center — Aug 2020 – Jan 2024

- Primary contact between patients, physicians and departments; supervised up to 5 staff on high-volume shifts.
- Caught eligibility issues early to prevent downstream billing delays.

Patient Access Representative · Community Hospital of Huntington Park — Mar 2017 – Aug 2020

- Verified coverage and secured authorizations before admission across multiple insurance types.

EDUCATION

B.S. Biology, Cellular & Molecular · California State University, Dominguez Hills
Frontend Simplified · Frontend developer program and virtual internships (React, Next.js, TypeScript, Tailwind CSS)