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# John Nunns

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## Skills

JavaScript (ES6), TypeScript, React, Redux, Next, Node, Express, Git, GraphQL, Webpack, Vite, HTML5, CSS3, Material-UI, TailwindCSS, Redis, AWS - (SQS, SNS, ElasticSearch, Lambda), Jest, D3, Three.js, PostgreSQL, MongoDB, jQuery, GO.

## Summary

Senior Full Stack Developer with 7+ years of experience delivering user-centric web applications. Proficient in HTML, CSS, JavaScript/TypeScript, and modern frameworks like React. Possessing a comprehensive understanding of full stack development, I excel at crafting seamless interactions between the front-end and back-end. However, my true passion lies in creating intuitive user interfaces and elevating user experiences. Coming from an athletic background, I thrive in collaborative environments, leveraging collective strengths to achieve our goals.

## Experience

2017 - PRESENT

### Carro: Irvine, CA – Senior Front End Engineer

- Currently leading the end-to-end development of a new marketplace integration into our recently acquired competitor, Modern Dropship.
- Key contributor to the development of the "Carro" app, propelling the company's valuation from \$1M to \$100M supporting over 28,000 brands.
- Spearheaded a critical feature integrating Best Buy, Target, SSENSE into Carro Directory, which was pivotal in securing multi-million dollar series B funding.
- Saved over \$15,000 per month by creating an in-house replacement for Looker dashboard.
- Optimized user onboarding flow, resulting in a significant 30% reduction in churn and increased user satisfaction.
- Converted React app from javascript to typescript, ensuring type safety and reducing runtime errors.
- Saved our development team significant time by managing and enhancing our full stack business admin application. Developed new tools and features based on frontline team requests, reducing their reliance on developers for support.
- Crafted user-centric applications with React, Redux, GraphQL, and Material-UI, ensuring seamless interactions and visually appealing interfaces.

## Projects – Full Stack

2025

### Crypto Tracker

- Built a full-stack crypto portfolio tracker in Next.js with the T3 stack (TypeScript, TRPC, Tailwind, Drizzle), enabling users to manage multiple wallets and manual entries seamlessly.
- Architected backend services with TRPC and PostgreSQL for type-safe API interactions and reliable data persistence.
- Added support for manual transaction entries to augment wallet data, allowing for hybrid tracking of on-chain and off-chain holdings.
- Currently hosting and maintaining the app with active users, collecting feedback for future iteration and scaling.

2024

## **Project Shield**

- Developed a completely original console using Three.js, Typescript, React, and TailwindCSS to visualize Earth in space, integrating complex equations for determining vector coordinates from latitude/longitude data.
- Applied advanced 3d rendering techniques to create smooth and engaging visual experiences.
- Implemented advanced algorithms to calculate splines and trajectories for interceptors based on real-time data, enabling accurate visualization and tracking of projectile paths.
- Designed and implemented a visualization of defense perimeters, used as a “no-fly-zone” to intercept enemy projectiles.

2023

## **Kanban Task Board**

- Developed an original full-stack Kanban board application using the MERN stack.
- Implemented features of creating boards, tasks, subtasks, and an intuitive drag & drop functionality similar to paid-for solutions.
- Independently created the entire application from concept to deployment, solidifying full stack abilities.

2012 -2017

## **Semi Professional Volleyball Player – Athlete**

- Coached aspiring young players in beach volleyball, many of whom went on to the collegiate level.
- Traveled all over the US playing tournaments on grass on sand.

## **Education**

2017

### **CodeSmith – Full Stack Engineering Immersive Program**

2009 - 2012

### **University of Mount Olive – B.S. in Business Management**

- Two time First-Team Academic All-American in Men’s Volleyball | NCAA Post-Graduate Scholarship Winner.
- Graduated Magna Cum Laude.