

TECHNICAL SKILLS

JavaScript (ES6), TypeScript, React, Redux, 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, Python

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

GoVyr! - Senior Full Stack Software Engineer | *Specializing in Front-End*

2017-Present

- Key contributor to the development of the "Carro" app, propelling the company's valuation from \$1M to \$100M with 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 efficient reporting page using Chart.js, replacing the previous Looker app.
- Optimized user onboarding flow, resulting in a significant 30% reduction in churn and increased user satisfaction.
- Crafted user-centric applications with React, GraphQL, and Material-UI, ensuring seamless interactions and visually appealing interfaces.
- Led the implementation of a brand requesting/partnership service, driving Shopify product sales.
- Demonstrated expertise in full-stack development, utilizing Node.js Lambdas and GraphQL services for seamless communication with the back-end and PostgreSQL database.
- Collaborated closely with product and design teams to deliver optimal solutions for end-users.
- Owned the end-to-end development of the Business Admin app, leveraging React, GraphQL, and Material-UI on the front-end and Node, GraphQL, and Postgres on the back-end.
- Successfully met deadlines and followed Git best practices in a JIRA environment for efficient project management.

Personal Projects | *Full-Stack*

Project Shield

2024

- 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, including intuitive controls interpreting data and allowing the concept of reinforcing hangars with low interceptor counts.
- 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.

Kanban Task Board

2023

- Developed an original full-stack Kanban board application using the MERN stack (design supplied by company).
- 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.

Semi Professional Volleyball Player | Athlete

2012-2017

- Coached aspiring young players in beach volleyball, many of whom went on to the collegiate level
- Traveled up and down the east coast playing tournaments on grass on sand

EDUCATION

CodeSmith | Full Stack Engineering Immersive Program

2017

University of Mount Olive | B.S. in Business Management

2012

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