

John Robinson

Software Engineer

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Experience

Senior Front-End Software Engineer | Tech Lead

Jun. 2022 - Jan. 2025

Canoo - Torrance, CA

- Utilizing React and NextJS to engineer vehicle-connected web applications for clients such as Walmart and USPS, managing complex continuous data streams via AWS and Google Cloud stacks.
- Architected and delivered an immersive 3D virtual showroom using WebGL, ThreeJS, and React; a world for customers to explore our offerings, enhancing customer engagement and product visibility.
- Led development of an Augmented Reality experience and demonstrations at Google Next 2023. Virtual Reality goggles allowed users to explore a real Canoo vehicle, resulting in increased brand visibility and customer interaction.
- Served as Technical Lead on a Progressive Web App successfully delivered to the US Military, exceeding expectations and integrating continuous feature requests.

Full-Stack Software Engineer

Feb. 2019 - Jun. 2022

P.C. Richard & Son - Farmingdale, NY

- Learned React and backend language RPG, then developed company's first full-stack React application within one month.
- Conceptualized and led development of a full-stack React framework/portal, revolutionizing how internal business is done. Implemented continuous delivery using Git and Jenkins, reducing app life cycle from months to days.
- Developed our business-critical secure mobile payment system during COVID-19, enabling rapid company recovery; rehired >1000 furloughed sales personnel within days, and generated additional revenue of \$65 million from March through July 2020.

President

Apr. 2019 - Jun. 2022

Long Island Systems User Group - Westbury, NY

- Led a 13-person board, hosting industry speakers on IBM topics, facilitating networking and sharing within the community.
- Delivered technical and non-technical presentations to audiences of 30-50.

Full-Stack Web Developer

Sep. 2017 - Jan. 2019

SUNY Geneseo - Geneseo, NY

- Designed and deployed a PHP web app course management system, enhancing administrative efficiency and student enrollment.
- Architected and migrated a new database, improving data management, security, and system performance using SQL.

Education

B.A. Physics, B.A. Mathematics

State University of New York at Geneseo

Graduated Magna Cum Laude

GPA: 3.76 | 3.97 Mathematics | 3.73 Physics

ΣΠΣ Honor Society, Dean's List, Physics Club President

Skills

+ React + NextJS + Node + ThreeJS
+ HTML + CSS + JavaScript
+ TypeScript + Python + SQL + SEO
+ Product and Engineering Management