TJ BUCHANNAN   SOFTWARE ENGINEER

HYPERGIANT   NEW YORK, NY
Sr. Frontend Engineer   July 2023 – March 2026

JERIC2O
- Implemented functionality supporting Link 16, a NATO tactical data link network, as part of efforts toward AFSIT certification
- Became a primary technical resource on the team for Link 16-related features, driving development and supporting integration across systems
- Collaborated with internal teams and external partners (Raft, SAIC, CTC) to design and implement features across multiple systems
- Collaborated directly with operators and testers on-site to gather feedback on features and defects, driving product improvements throughout AFSIT certification
- Increased test coverage to align with government and contractual requirements for system reliability
- Supported team growth by mentoring engineers through code reviews and pair programming

BLOCKCHAIN.COM   NEW YORK, NY
Frontend Engineer   June 2018 – May 2022

BLOCKCHAIN EXCHANGE
- Conducted releases for multiple products, ensuring smooth and timely deployments
- Key contributor which catered to millions of users, built with React, TypeScript, Redux and Styled-Components
- Successfully migrated from full flow coverage to full TypeScript coverage, improving code quality and maintainability

BACKOFFICE
- Developed user activity and transaction monitoring features to aid customer support staff in effectively managing user activities and transactions
- Created an admin panel margin section enabling administrators to monitor and adjust margin trading parameters
- Refactored modals by implementing deep linked profile pages, facilitating link sharing among agents collaborating on tasks
- Collaborated with backend developers to implement simplified account search endpoints and enhance the clarity of admin panel views

BLOCKCHAIN WALLET
- Incorporated deep linking within the crypto purchasing flow, allowing users to seamlessly transition from the .com homepage to the wallet upon creation/login
- Optimized flyout performance by achieving a 90% reduction in load time, resulting in a more efficient and seamless user experience

CONTACT INFO

- ✉ tj.buchannan@gmail.com
- 🌐 https://tjbuchannan.com/
- 🔗 Terence Buchannan
- 🐙 tbuchannan
- 📞 774-303-5042

EDUCATION

UMass – Amherst
College of Arts & Sciences, 2014
- Psychology
- Bachelor of Science

SKILLS

JavaScript	TypeScript
React	Redux
Git	HTML/CSS
Ruby	Node.js
Rails	AWS
SQL	Photoshop
deck.gl	Next.js

PERSONAL PROJECTS

KEEPSCROLLING
React/rails microblogging platform inspired by Tumblr

APPATTACK
Javascript 2D browser game inspired by Maplestory

MTAETA
Electron + Javascript MTA Subway scheduling desktop application