ZACHARY G. NEMEROFF

Software Engineer { stack: full }

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Portfolio • LinkedIn

TECHNOLOGIES

• JavaScript	• React	• Vue	• Electron	• AWS
• TypeScript	• Redux	• Vuex/Pinia	• Node.js	• Express

PROFESSIONAL EXPERIENCE

Hylio (Houston, TX)   **Jan 2021 - present**
Senior Software Engineer (full-time, remote)
- Develop visually compelling, accessible, and responsive apps throughout our complex ecosystem
- Lead dev team in overseeing feature implementations and bug fixes for AgroSol GCS software
- Responsibly integrate AI tools and technologies to enhance development efficiency while maintaining code quality, security standards, and thorough testing practices
- Designed and deployed the Hylio Drone Configurator web app as sole developer, managing full lifecycle from design conception to AWS continuous deployment pipelines

B-Line Express (Columbia, MD)   **Jun 2020 - Jun 2021 & Oct 2024 - Jun 2025**
Software Engineer (contract, remote)
- Architected and developed Porsche Club of America's Parade app using TypeScript, Vue3, Pinia, and Vite to streamline registration and coordination for national club events
- Designed and built the GloveBox single-page application using JavaScript, Vue2, and MaterialDesign to streamline internal administrative workflows
- Collaborated directly with the client to deliver two scalable web applications serving thousands of Porsche enthusiasts nationwide as well as in-house teams

Boom Supersonic (Denver, CO)   **Aug 2020 - Nov 2020**
Software Engineer Internship
- Implemented test-driven development practices for flight software in Vue.js legacy codebase
- Developed dynamic data visualizations for TelViz flight management tool utilizing D3
- Identified and resolved critical bugs impacting user interface, functionality, and performance
- Established comprehensive testing infrastructure including unit, regression, and end-to-end testing coverage across entire TeCSys SPA using Jest and Cypress with CircleCI

Adrift Tiki Bar (Denver, CO)   **Mar 2016 - Mar 2019**
General Manager
- Managed comprehensive operations for $2M annual revenue hospitality establishment as GM
- Achieved 8% reduction in annual labor costs through strategic workforce optimization
- Drove 15% increase in annual gross sales through operational excellence and customer experience enhancements
- Developed and executed targeted marketing campaigns and special events increasing revenue
- Established standardized operating procedures and comprehensive onboarding programs across all positions to ensure consistent service quality

EDUCATION

Turing School of Software & Design (Denver, CO)   **Sep 2019 - Apr 2020**
Front End Engineering Program
- Built 14 unique web applications from scratch with vanilla JavaScript, React, and React Native
- Completed 1,200 hours building accessible apps with front end and back end technologies
- Dedicated 600 hours working strictly with React, React Native, Router, and Redux