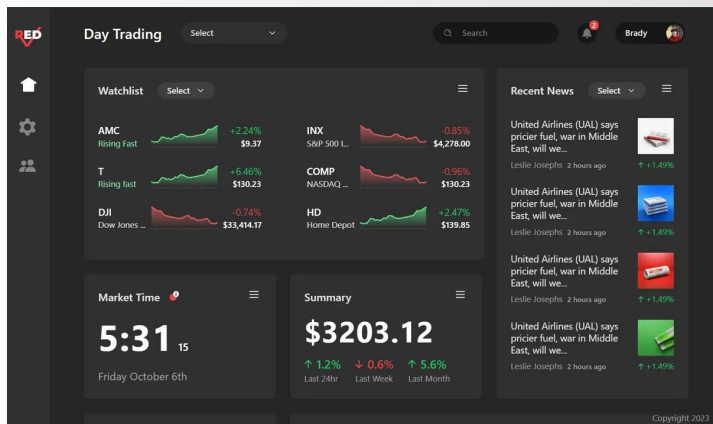


Red Trade

Debugging - Brady Underwood

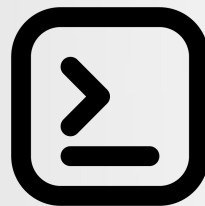
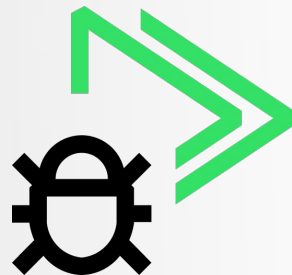


Debugging Demo

- Front-end (2 minutes)
- Back-end (2 minutes)
- API (2 minutes)

Debugging Methods

- Console logging (strategic placement)
- Try-catch blocks with error handling
- Step-by-step code isolation
- API response validation



Debugging Tools

- Chrome DevTools
- VS Code Debugger
- Postman (API testing)

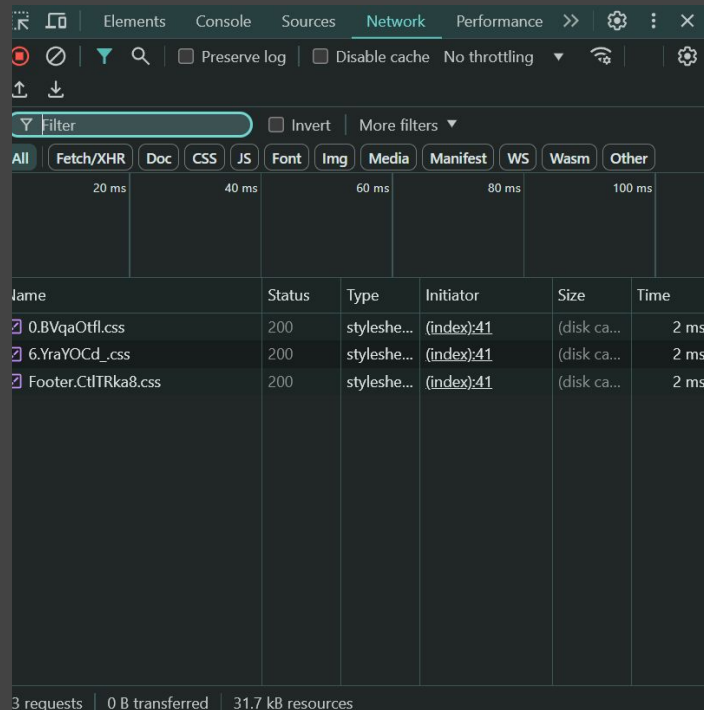


POSTMAN



How to Use Chrome DevTools

- Network tab for API calls
- Console for JavaScript errors
- Sources for breakpoints
- Elements for component structure
- Application for local storage



How To Help Prevent Bugs

- Write Tests First (TDD)
- Follow Documentation Best Practices
- Clean Code Organization
 - Modular components
 - Clear naming conventions
 - Consistent error handling

Thank you!

Questions?