

Nicholas Bely Sr. Frontend Engineer

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👤 Profile

Motivated and ambitious Sr. Frontend Engineer with an eye for detail and a fervent desire to tackle complex problems. Well-versed in building modern and data-driven web apps with React, HTML, CSS, and TypeScript while growing and staying up to date with industry trends.

🏢 Work Experience

Launch by NTT DATA *(Digital Technology Sr. Engineer)*

2021 - Present

At Launch, I rapidly grew in a fortune 500 tech ecosystem before spearheading internal and client frontends for greenfield applications, earning two promotions in two years.

Client: Invesco Ltd.

- Lead Frontend Engineer/UX Designer of 3-person full-stack team building an investment app for streamlined order generation, decreasing generation time by more than 75% by:
 - Translating complex business requirements into purpose-driven and flexible technical solutions with accompanying Visio wireframe mockups.
 - Gathering user feedback through Agile CI/CD development and demoing, allowing for continuous design optimization and high stakeholder confidence.
 - Architecting a Create React App with a focus on lean and reusable component design that effectively utilizes third-party packages such as Material UI and AG Grid.
 - Transforming non-cohesive, decentralized, and bug-prone UI components into a library of encapsulated, reusable, and dynamic Material UI-based React components.
- Achieves dependable, performant, and highly maintainable code through:
 - Integration of Whitesource, Prisma and SonarQube scans in Bitbucket Pipelines.
 - Comprehensive (97%) unit test coverage with Jest/React Testing Library.
- Minimizes team blockers and deep refactors by working closely with backend team in Java/Spring Boot/PostgreSQL and providing input on API design for future use cases.

Launch Showcase Swag Shop

- Served as tech lead of a 3-person remote frontend team to build out a sales demo application integrating Vite, React, TypeScript, Stencil.js web components, and Java.
- Onboarded and mentored junior engineers via regular pair programming sessions, fostering team growth, collaboration, and communication.
- Managed the integrity of the codebase through documentation of repository code quality standards and performance of code reviews on all incoming pull requests.

Client: Williams-Sonoma, Inc.

- Enabled client to realize \$163.5M in incremental annualized revenue as part of an agile scrum team by planning, documenting, developing, testing, and releasing 7 new A/B Tested features across 14 eCommerce sites.
- Collaborated with Product Owners to devise and implement configuration options for each feature, and with the Analytics team to implement tracking events.
- Improved code coverage and maintainability with meaningful Jest unit tests, Playwright component tests, and Selenium end-to-end tests on new features.
- Developed features across multiple Vue/Vuex/Sass Micro Frontends as well as a legacy Apache FTL/VanillaJS/Java Spring Boot stack.

🏠 Project Experience

Rent Portal

2023 – Present

- Spearheading requirements gathering, database modeling, Figma wireframe design, and UI development of a PayPal API-fed tenant rent payment webapp.
- Leading full stack team in developing and integrating a Vite, React, RTK Query, and Bootstrap/Sass frontend alongside serverless AWS Lambdas & Cognito auth integration.

PokeSandbox

2022 – Present

- Architecting a Discord API-centered fan-game development kit with a Node.js/Express.js/MongoDB backend, and third-party API I/O streams.
- Developing a Next.js/Redux/RTK Query/Tailwind/AntDesign webapp with Next-Auth.

Links

🔗 github.com/nbely
🌐 linkedin.com/in/nbely

Education

B.S. Biomedical Eng.
Wayne State University

Frameworks

React
Next.js
Vue
Node.js
Express.js
Spring Boot

Languages

JavaScript
TypeScript
HTML/CSS
Sass
Java
SQL

Libraries

Redux & RTK Query
Vuex
Stencil.js
Material UI
Bootstrap
AntDesign
Figma
AG Grid

Testing

Jest
React Testing Library
Playwright
Selenium

Tools/Platforms

Git
Vite
Jira
Confluence
Figma
MongoDB
PostgreSQL
Azure DevOps
Bitbucket Pipelines
AWS
Subversion
Jenkins
Fisheye