Nicholas Bely

Software Developer II

👤 Profile

Motivated and proven software developer. 3+ years of experience with React, Vue, and Angular in both JavaScript and TypeScript, and growing aptitude for implementing backends in Java and Node.js

💼 Work Experience

Software Developer II at NTT Data   Nov. 2022 - Present

Software Developer I   Dec. 2021 - Oct. 2022

- Enabled a Fortune 500 retail client to realize $163.5M in incremental annualized revenue as part of a six-person scrum team by planning, documenting, developing, testing, and releasing seven new A/B Tested features across 14 eCommerce sites in two international markets

  - Worked with Product Owners to devise and implement configuration options for each feature, inclusive of feature flags and post-launch A/B testing options

  - Worked with Analytics team to devise and implement tracking events for all features to understand customer usage vs. baseline impression data via Intersection Observer API methods

  - Achieved 100% automated testing coverage with Jest unit tests, Playwright component tests, and Selenium end-to-end tests on net-new features

  - 3 Features developed across three Vue MFE's with Vuex State Management and Tailwind-SCSS Styling

  - 3 Features developed in legacy Apache FTL/VanillaJS/Sass stack, with Java Spring Boot served configurations

  - 1 Feature developed into a VanillaJS Web Component-based service with Sass styling

- Led a rotating team of 2-3 developers to build an eCommerce SPA for a pre-sales showcase app integrating Vite, React, TypeScript, Stencil.js web components, and Java, presented via a Mashroom Server and built through Azure YAML Pipelines

- As dedicated fullstack dev of an SPA for the showcase app, brought React (Jest) and Stencil unit (Jest) & end-to-end (Puppeteer) test coverage to 100%, Java (JUnit) test coverage above 80%, and eliminated all code smells following SonarQube integration

- Improved communal knowledge and skills of 100+ teammates by hosting a TDD-based training workshop on developing/testing components with the Stencil.js Web Component framework

📊 Project Experience

Personal Portfolio   July 2021 – Present

- Designed & developed GitHub Pages-hosted Angular web app utilizing the Material.io component library, with a focus on mobile-first responsive and WCAG 2.1 accessible design

Details

Brooklyn, New York

(586) 854-9715

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Skills

JavaScript | TypeScript | ES6

Angular 2+ | NgRx

React.js | Redux

Vue 2+ | Vuex

HTML5 | CSS3 | Sass

Unit Testing | Jest | Junit

Component | E2E Testing

Web Components | Stencil.js

Accessibility | Responsiveness

Java | Spring Boot

Node.js | Express.js

Git | GitHub | Subversion

Agile and Scrum

noSQL | MongoDB

Links

Portfolio

LinkedIn

GitHub

Rent Portal   **Nov. 2022 - Present**

- Spearheaded design and development of a PayPal API-fed tenant rent-viewing/payment webapp as Treasurer of a non-profit housing association
- Led two-person fullstack development team to create an application integrating Vite, React, TypeScript, MongoDB, Python/Flask, and AWS Lambda Functions & SQS

PokeSandbox   **July 2020 - Present**

- Led architecture and development of a fullstack fan-game-creating engine in a Node.js/React/Express.js/MongoDB stack utilizing the Discord API and read/write streams of a 3rd-party battle simulator API
- Overhauled initial project iteration to bring greater customization and scaling capability alongside a TypeScript refactor

Angular Course Project: Recipe Book   **Dec. 2020 - July 2021**

- Completed course project demonstrating advanced knowledge of Angular concepts, Bootstrap UI Design, and Firebase app deployment
- Gained understanding of and ability to create and utilize modules, components, directives, routing, observables, forms, pipes, http requests, and user authentication

🎓 Education

B.S. Biomedical Engineering w/ Honors   **Sep. 2012 - May 2016**
Wayne State University, MI

🎓 Courses

- **Web Components & Stencil.js**   **Oct. 2022 - Nov. 2022**
  Udemy, By Maximilian Schwarzmüller

- **Vue: The Complete Guide**   **Dec. 2021 - Jan. 2022**
  Udemy, By Maximilian Schwarzmüller

- **Angular: The Complete Guide**   **Dec. 2020 - July 2021**
  Udemy, By Maximilian Schwarzmüller

- **Python Data Structures**   **July 2020 - Aug. 2020**
  Coursera, By the University of Michigan