ALYSSA BARTUCH

SOFTWARE ENGINEER   ⚲ CRYSTAL LAKE, IL   ☎ 847.845.1374

○ DETAILS ○

Crystal Lake, IL
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○ SKILLS ○

Typescript

JavaScript

Node.Js

SQL

mySQL - PostgreSQL

Java

C#

Groovy

React

Next.js

Redux

Playwright

Jest

Angular

RxJS

Express.js

.Net MVC

End Test

Catchpoint

Splunk

Vercel

Jenkins

Postman

Google Analytics

PROFILE

Passionate Software Engineer with 5+ years of experience specializing in JavaScript, React, Next.js, and modern web technologies. Proven track record of building high-quality user experiences, driving subscription growth, and collaborating in agile, cross-functional teams. Seeking a new challenge in a remote or Chicago-based role focused on innovative projects with a contemporary tech stack.

EMPLOYMENT HISTORY

Software Engineer at The Washington Post, Remote
April 2021 — Present

- **Authentication:** Supported the WP Authentication App built with **Typescript-**, **React**, **<<STATE MANAGEMENT LIB>>** - with testing supported by **Playwright** and **Jest**. Strengthened user security and streamlined access by enhancing email/password authentication and expanding social sign-in options. Implemented private relay email functionality for Apple users, ensuring email privacy during registration. Built special offer sign-up pages, enabling complimentary access to The Post for vendor and brand partnerships.
- **User Profile and Site:** Rebuilt save touch points across Article and Recipe pages in the Site Application which is built with **Typescript**, **React**, and **<STATE MANAGEMENT LIB>**. Implemented subscription-related flows (Billing, Cancellation, Reactivation, etc) in the My Post application, built with **Typescript-**, **Next.Js** and **RTK Query**. Migrated legacy **Angular** account functionality to the My Post application. Enhanced developer experience by spearheading the maintenance and strategic decomposition of an over-sized codebase into smaller, specialized repositories, improving maintainability, scalability, and development efficiency.
- **Newsprint:** Co-engineered the Newsprint application built with **Typescript-**, **Next.Js**, and **RTK Query**. Took ownership of the presentation logic and user interactivity. This work established a framework for future iterations, and enhanced the user experience with new features focused on engagement, personalization, and habit formation. Implemented **Splunk** logging and created dashboards to track developer focused statistics. Implemented **Google Analytics** tracking events for the data team to create KPI metrics focused dashboards to measure impact.
- **Paywall Ecosystem:** Architected client-side logic to persist wall dismissals across devices and sessions, leveraging **Typescript**, **React**, and vanilla **JavaScript**. This improved targeting and user experience across walls and on-site notifications. Took ownership of several projects in collaboration with Product and Marketing to develop sales walls for key promotional events (e.g., July Sale, End of Year Sale), driving subscription growth. Created **EndTest** suites in preparation of sales to validate offers engine, metering/targeting, and A/B testing behavior.
- **Collaboration:** Provided enhanced user support by participating in the on-call rotation and responding to **Zendesk** customer care escalations. This included interfacing with the databases via **SQL** queries and submitting change orders for updates. Coordinated cross-team with engineers to troubleshoot and resolve user facing issues across the collective subscriptions applications. Acted as engineering owner for each project from generating engineering requirements documents all the way through development and release. Conducted code reviews and mentored junior developers to improve code quality and ensure adherence to best practices.

Software Consultant at Olenick & Associates, Chicago, IL / Remote
June 2015 — April 2021

- **Exelon Test Engineer:** Completed UAT testing for Exelon ISUM user-facing applications. Responsible for evaluating upcoming software features and enhancements, and creating ADO test suites to accommodate desktop, mobile, Google Analytics and accessibility testing. Also responsible for production release testing and business validation efforts.
- **Olenick Curriculum Generation Team Lead:** Led the CI/CD training curriculum project, delivering 50+ pages of documentation and exercises covering tools like Jenkins, Docker, Kubernetes, and Azure DevOps. Additionally, I completed courses in modern web development during this time, to stay fresh with modern frameworks and tools.
- **Hyatt Hotel Corporation Automation Engineer:** Worked as a Software Development Engineer in Test (SDET) for the Upsell Team's **Java** backend service and **React** frontend. My responsibilities included creating automation test suites for both frontend and backend systems using **Selenium WebDriver**, **Spock-**, **Groovy**, and **Gradle**. Worked in cross-functional teams to support manual testing, exploratory testing, and code reviews of React PRs.
- **Olenick Advisory Project Software Engineer:** Worked on an Olenick Advisory application built in **Angular** with **ASP.NET** API endpoints on the backend. Primary goal of this app is to monitor pertinent tech publications for potentially useful updates or issues depending on the technology stack a client uses or would like advisories for. Developed several new **ASP.NET MVC** pages to streamline the process of drafting Advisory alert emails to clients. I also added a variety of user touchpoints from expanded page functionality to brand new alert flows.
- **Ciox Health External Auditing Database Admin:** Database Administrator for a HIM client team that provided ICD-10 coding quality review and education services to external clients. This client used CodeIQ, third party compliance review software that ran over a **SQL** database in the background, to carry out auditing operations and reporting. Responsible for normalizing data from external clients and keeping track of data load timelines throughout the month.

🎓 EDUCATION

Bachelors of Science in Information Technology, Central Michigan University, Mount Pleasant, MI
August 2010 — May 2015

Minor: Information Systems; ERP Specialization

📣 REFERENCES

- **References available upon request**