

# Alyssa Bartuch | Software Engineer

Code Enthusiast. Avid Learner. Bug Catcher.

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## SUMMARY

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.

## EXPERIENCE

### The Washington Post = { Software Engineer }

[ April 2021 – Present ] || Remote

<< As a software engineer at The Washington Post, I have contributed to multiple applications within the subscriptions organization, focusing on improving user experience and driving subscription growth. Key contributions include:

- **Sign In:** Strengthened user security and streamlined access by enhancing email/password authentication and expanding social sign-in options.
- **Apple Relay Email:** Implemented private relay email functionality for Apple users, ensuring email privacy during registration.
- **Vendor Partnerships:** Built special offer sign-up pages, enabling complimentary access to The Post for vendor partnerships.
- **My Post and Site:** Migrated legacy account functionality, rebuilt save touch points across Article and Recipe pages and implemented subscription-related flows (My Post, Cancellation, Reactivation, etc).
- **Newsprint:** Co-engineered the 2023 Newsprint front-end application. This work established a framework for future iterations, and enhanced the user experience with new features focused on engagement, personalization, and habit formation.
- **Walls Ecosystem:** Architected client-side logic to persist wall dismissals across devices and sessions. This improved targeting and user experience across walls and on-site notifications.
- **Marketing-Driven Sales Walls:** Worked with Product and Marketing to develop sales walls for key promotional events (e.g., July Sale, End of Year Sale).

I utilized **JavaScript**, **TypeScript**, **React**, **Next.js**, **Redux**, **AWS**, and modern **CSS** techniques in my work across many applications to create responsive interfaces and targeted user experiences. I ensured reliability and performance by integrating and contributing to automated testing frameworks such as **Playwright** and **Jest**, and setting up end-to-end testing in **EndTest**. I also 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.

### Olenick & Associates = { Software Consultant }

[ June 2015 – April 2021 ]

#### Exelon ISUM Enhancements – Test Engineer

[ June 2020 – April 2021 ] **Olenick Contract** || Remote

<< Completed UAT testing for Exelon ISUM user-facing applications. Responsible for evaluating upcoming software features and

## PORTFOLIO

[alyssabartuch.com](https://alyssabartuch.com)

## EDUCATION

### Central Michigan University

[ 2010 - 2015 ]

**Bachelors of Science - Information Technology**

**Minor:** Information Systems; ERP Specialization

## SKILLS & EXPERTISE

\* Enterprise Experience

### LANGUAGES & DATABASES

- ⇒ JavaScript
- ⇒ HTML5
- ⇒ CSS3
- ⇒ SQL
- ⇒ Java
- ⇒ C#
- ⇒ PostgreSQL
- ⇒ Groovy (JVM)

### FRAMEWORKS & LIBRARIES

- ⇒ TypeScript
- ⇒ React (v18)
- ⇒ Next.js
- ⇒ ContextAPI
- ⇒ Redux
- ⇒ RTK
- ⇒ Playwright
- ⇒ Jest
- ⇒ Angular
- ⇒ Angular Material UI
- ⇒ RxJS
- ⇒ Express.js
- ⇒ Tachyons
- ⇒ Bootstrap
- ⇒ jQuery
- ⇒ SASS / SCSS
- ⇒ Stitches (css-in-js)
- ⇒ .Net MVC

enhancements, and creating ADO test suites to accommodate frontend, mobile, **Google Analytics** and accessibility testing. Also responsible for production release testing and business validation efforts.

## Olenick SDET Training Curriculum – CI/CD Team Lead

[ April 2020 – June 2020 ] **Olenick Internal Project II Chicago, IL**

<< 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 new frameworks and tools.

## Hyatt Hotel Corporation – Automation Engineer

[ July 2019 – March 2020 ] **Olenick Contract II Chicago, IL**

<< 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

[ November 2018 – July 2019 ] **Olenick Internal Project II Chicago, IL**

<< 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

[ January 2016 – November 2018 ] **Olenick Contract II Remote**

<< Database Administrator for a HIM client team that provided ICD-10 CQRE (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. Made the correct table preparations in **SQL Server** to facilitate the automatic kick-off of a data loader once the data file is moved to the file path designated in table preparations.

## Short-Term Contracting Roles – Software Engineer

[ June 2015 – December 2015 ] **Olenick Contracts II Chicago, IL**

<< Worked on a series of short-term contract roles, contributing to various software engineering and automation projects:

- **VectorMarks:** Enhanced a project management application by adding new features, styling fixes, and developing report pages using **HTML**, **CSS**, and **HAML**.
- **Illinois Legal Aid:** Automated test cases for a Drupal website using the **Behat** framework, **Selenium WebDriver**, and **PHP**.
- **Museum of Science and Industry:** Created test cases and executed hands-on tests for the SmartVisit ticketing system and ticketing kiosks.

## TOOLS & PLATFORMS

- ⇒ Node.js
- ⇒ NPM
- ⇒ NVM
- ⇒ Yarn
- ⇒ End Test
- ⇒ Catchpoint
- ⇒ Splunk
- ⇒ Vercel
- ⇒ Jenkins (CI/CD)
- ⇒ Postman
- ⇒ Google Analytics
- ⇒ Swagger
- ⇒ Git
- ⇒ JIRA
- ⇒ Confluence
- ⇒ Whimsical
- ⇒ VSCode
- ⇒ Visual Studio
- ⇒ IntelliJ

## SOFT SKILLS & EXPERIENCE

- ⇒ Requirements Gathering
- ⇒ Cross-Functional Collaboration
- ⇒ Problem-Solving
- ⇒ Code reviews
- ⇒ Pair Coding
- ⇒ Agile Development
- ⇒ User Experience Design
- ⇒ RESTful APIs
- ⇒ API Testing

## COLLEGIATE ACTIVITIES & SOCIETIES:

- **Dow Chemical SAP Award of Excellence** (Spring 2015)
- **Alpha Gamma Delta Alpha Upsilon** (2012 - 2015)  
*Vice President of Operations (2014)*
- **Leadership Safari 2014 – Central Michigan** (Aug 2014) - Guide
- **SAP Student User's Group – Central Michigan** (2014 - 2015)
- **ERP Simulation Competition – Central Michigan** (Feb 2015) - Team  
*Lead Corporate Mentor: Rockwell Collins*

## PERSONAL DEVELOPMENT

<< Completed Courses >>

**The Complete Web Developer in 2020: Zero to Mastery**

[ Udemy Learning ] Completed: May 2020

**The Modern JavaScript Bootcamp (2018)**

[ Udemy Learning ] Completed: November 2018

**User Experience for Web Designers**

[ LinkedIn Learning ] Completed: March 2018

**Programming Foundations:**

**Fundamentals**

[ LinkedIn Learning ] Completed: March 2018