Alyssa Bartuch | **Software Engineer**

`Code Enthusiast. Avid Learner. Bug Catcher.`

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EMPLOYER

The Washington Post < Software Engineer > : April 2021 – Present

EXPERIENCE

The Washington Post = { Software Engineer }

[April 2021 – Present] ‖ 100% 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:** Enhanced user registration and sign-in functionality, enhancing and maintaining email/password and social sign-ins.
- **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, managed subscription-related flows (Subscription & Billing, Saved Stories, Account Access, Cancellation, Reactivation), and implemented refreshed save functionality across Article and Recipe pages.
- **Newsprint:** Key contributor to the 2023 Newsprint Experience project, establishing a framework for future iterations and enhancing the user experience for subscribers interacting with digital content.
- **Walls Ecosystem:** Played a key role in architecting server-side persistence for wall dismissals, which improved targeting and user experience across Newsprint's digital and subscription platforms.
- **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).

Technologies: JavaScript, TypeScript, React, Next.js, Redux, Playwright, Jest, CSS, SQL, AWS, End Test, Zendesk.

Olenick & Associates = { Software Consultant }

[June 2015 – April 2021]

Exelon ISUM Enhancements – Test Engineer

[June 2020 – April 2021] Olenick Contract ‖ Remote

<< Working on UAT testing for Exelon ISUM software for the PHI division. Responsible for evaluating upcoming software features and 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 ‖ Chicago, IL

<< Lead 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.

PORTFOLIO

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

Hyatt Hotel Corporation – Automation Engineer

[July 2019 – March 2020] **Olenick Contract** || 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**.

Test Suite: Built and maintained regression test suites for the **Java** backend and **React** frontend, ensuring consistent and reliable testing.

Collaboration: Worked in cross-functional teams to support manual testing, exploratory testing, and code reviews of React PRs.

Technologies: Java, React, Selenium WebDriver, Spock, Groovy, Jenkins, Gradle.

Olenick Advisory Project – Software Engineer

[November 2018 – July 2019] **Olenick Internal Project** || 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.

>> Added buttons to existing web and email functionality linking to a web form with several fields including: email subject, summernote text editor (js library) for email body, recipient, etc. Engineered the flow: drafting the alert, sending a request to Advisory managers for approval, the manager to review and respond, and sending the finalized alert to a client. Also created an additional page with a table organizing alert drafts with information such as creation date and status, each of which link to that alert draft view.

Ciox Health External Auditing – Database Admin

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

<< Database Administrator for a HIM client team that provides ICD-10 CQRE (coding quality review and education) services to external clients. This client uses CodeIQ, third party compliance review software that runs 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** || 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.

Technologies: JavaScript, HTML, CSS, Selenium WebDriver, Behat, PHP.

TOOLS & PLATFORMS

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

OTHER SKILLS & EXPERIENCE

- ⇨ Requirements Gathering *
- ⇨ Agile Development *
- ⇨ Pair Coding
- ⇨ User Experience Design
- ⇨ 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

CMU Help Desk = { Tech Support Analyst }

[May 2014 – May 2015] || Mount Pleasant, MI

>   << Answered 1,500+ calls and worked on a team that served a student and faculty/staff network of over 30,000 users. Provided general information, campus systems support, network registration, connection, and configuration assistance, scantron test grading, and sale of licensed software and equipment.

Cloudbakers = { Intern Web Developer }

[December 2014 – January 2015] || Chicago, IL

>   << Winter Break internship spent building a tool allowing a marketing end user to take data from Mail Chimp down into a Google spreadsheet for future analysis upon which they could push potential leads into Zoho CRM. Lastly the script generated and sent an email to a sales user, which contained contact information for leads who wished to be contacted by the sales team.

>   >> Refined skills working with API's, project management, requirements gathering, and the SDLC.

Littelfuse Inc. = { Intern SAP Developer }

[May 2013 – August 2013] || Chicago, IL

>   << Developed transactions within SAP to aid audit compliance and converted 200+ reporting queries to the latest updated version of bEx for Business Warehouse.

>   >> Gained experience with development methodologies in SAP and Business Warehouse. Interacted with a global team of key stakeholders to develop business communication skills.

Programming Foundations: Fundamentals
[LinkedIn Learning] Completed: March 2018