JASON LEVINE

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EXECUTIVE SUMMARY

Accomplished Software Engineer with a proven track record in both the E-commerce and hospital & healthcare sectors. Proficient in frontend development, with a solid foundation in JavaScript/TypeScript and React, along with visual prototyping tools such as Figma and Sketch. Competent in leveraging analytics platforms including Google Analytics, Google Tag Manager, and Segment.io to collect user interactions. Possesses foundational knowledge of languages such as Java, Kotlin, SQL, and Python, supporting a versatile skill set for diverse technological challenges.

Skilled in mentoring and guiding junior developers, enhancing team capabilities and fostering a collaborative work environment. Seasoned in the development of data-driven functionality for applications, and writing unit tests to improve code predictability and documentation.

WORK EXPERIENCE

Software Engineer II – Data Analytics, Chewy, Boston, MA — **April 2021 – November 2023**

Promoted from Software Engineer I – Search & Discovery — ***June 2019 – April 2021***

- Teams struggled to execute robust A/B Testing due to complexity. Led the design, architecture, and development of a comprehensive A/B testing module written in Typescript/React, seamlessly integrating within multiple Single Page Applications, thereby significantly enhancing the site's capability for in-depth experimentation and user behavior analysis, driving 150% increase in experimentation rate within 3 months of implementation.
- Lacking a single-threaded leader, was able to take ownership of Chewy.com's web analytics infrastructure, including impressions, clicks, page views, and purchase tracking. Supported the implementation of client-side code and monitored triggers through Google Tag Manager/Google Analytics and Segment.io, triaging data issues, ensuring accurate data collection and data fidelity.
- Provided mentorship to all interns on the analytics team, encompassing code walkthroughs, pull request (PR) reviews, and ongoing day-to-day coaching to enhance their technical skills and professional development.
- Served as the principal A/B testing authority across Chewy.com's 15+ Single Page Applications, providing expert guidance on Optimizely implementations, bug fixes, and upgrades.
- Led the full redesign of Chewy's product listing pages and migration to utilizing VUE for its front end, enhancing the user experience for virtually millions of product listing pages. This led to a significant decrease in bug tickets (250+ down to 15), and an improvement in deployment timelines as well (2-3 weeks down to weekly)

Key Projects:

Experimentation Module

- Directed the design, architecture, and development of a comprehensive A/B testing module, tailored for seamless integration within multiple Single Page Applications, elevating the site's capability for in-depth experimentation. The module was built with Typescript and React. This module would reduce the development time needed to get experiments off the ground from about 3 weeks down to about 3 hours.
- Worked with engineers from 15+ teams to ensure cross-site collaboration. This included writing extensive developer documentation for future integrating teams, with detailed walkthroughs, code examples, and change logs.
- Held regular demo sessions for managers, stakeholders, and engineers in order to show continuous progress, and ensure clear communication of objectives and timelines.

Site-wide VisitorID

- Implemented a site-wide, unique fingerprinting ID in order to identify users across anonymous-to-authenticated browsing sessions. Anonymous browsing sessions accounted for roughly 60% of Chewy's total traffic, so this ID would allow us to efficiently track and run A/B tests on 2.5x the amount of users as we previously were.
- Worked with multiple third-party libraries in order to run demos and evaluate possible partnerships.
- Tested progress across multiple microfrontends across chewy.com on a regular basis to keep up with changing requirements.

Search/Browse Page Redesign

- Led the redesign of chewy.com's Search & Browse pages, which encapsulates over 10 million potential pages, and are seen by 75% of users along their site journey. Milestones include:
    - Integrating the page into site-wide weekly releases

- Fully implementing a test framework for unit tests (Jest)
- Upgrading the code from pure Javascript to leveraging a frontend framework (Vue)

Software Engineer, Optum, Hartford, CT/Boston, MA **June 2016 – June 2019**

- Led the full-scale redesign of Optum's internal placement tool, from Sketch prototypes to full deployment, and piloted the continuous planning and implementation of new feature. Gained insight and sourced feedback by collaborating with stakeholders, and also running multiple iterations of live user-testing.
- Acted as the project lead and primary designer on an internal application for storage & management of servers & applications. Stack included AngularJS, Django, MySQL.
- Served as a mentor for new hires in the development program, conducting weekly meetings with three novice engineers to facilitate their acclimation to the company culture and support their transition.

Key Projects:

Internal Placement Tool Overhaul

- Fully owned the graphical overhaul of a key internal tool for placement of newly hired resources.
- Utilized Sketch to build out a fully interactive mockup/wireframe, and ran user-group testing on anticipated end users to gather feedback and improve on the design.

PROFESSIONAL SKILLS

Programming Languages: Javascript/Typescript (React + Vue.js), Python, Java, Kotlin, HTML/CSS, SQL
Technologies: SQL databases, Jenkins, AWS, GTM/Google, Analytics, Segment.io, Optimizely, Adobe, Figma, Sketch, Photoshop, Git, Jest, Cypress, Chrome Developer Tools, RESTful APIs, Node.js, NPM
Additional Skills: Mentorship, Adaptive Learning, Collaboration, Project Management, Time Management, Agile methodologies, Autonomous Project Delivery, Quality Assurance, Software Deployment, User Interface Design, Web Analytics, Front End Development, Written and Verbal Communication, Accessibility

EDUCATION

University of Connecticut, Storrs, CT (Bachelor of Arts, 2016)

- Major: Computer Science and Engineering; Minor: Mathematics
- Honors: United Technologies Corporation Scholarship in Engineering recipient, UConn Engineering Alumni Association Scholarship recipient