

# JD Pack

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Software engineer seeking senior or staff-level opportunities to drive innovation and create impactful solutions. Passionate about making people's lives better through technology, with over a decade of technical experience in both small and large-scale companies. San Francisco Bay area or remote preferred.

## TECHNICAL SKILLS

**Frontend:** Javascript, React, React Native, Typescript, TanStack, HTML/CSS/SCSS/Sass, Redux

**Backend:** Node.js, GraphQL, Next.js, Java, Python, MySQL, SQL, Kafka, Redis

**Tools:** Jest, React Testing Library, Yarn/npm, Webpack, Git, Docker, Nginx, Jenkins, GCP, Azure, Jira, Agile

## EXPERIENCE

### **Staff Software Engineer | Launch Consulting (Walmart)**

**January 2023 – Current**

*Provided full-stack engineering expertise for Walmart.com as well as Launch technical interviews, scaling features in high-traffic pages, SEO enhancements, improved Web Vitals, and increased customer engagement and business KPIs*

- Implemented Enhanced Reviews, Enhanced Review Card, and Item Service features for Walmart eCommerce Platform to unify Walmart.com across the US, Canada, and Mexico
- Led design rewrite for Enhanced Review Card in US resulting in a 25% increase in user review engagement and over +9bps in converted visitors on web
- Brought efficiency improvements to reviews team through previous experience by cutting standup time in half, decreasing release signoff time by 70%, and adopting AI reviews into our PR process
- Technically screened and ranked over 30 candidates in React, Node and Python for an internal Walmart accelerator
- Handled development and production issues, including after-hours investigations/RCAs, PR reviews/rollbacks, leading XPL meetings and deliverable timelines, and ensuring app stability on platform-level CI tools

### **Staff Engineer | Walmart**

**November 2020 – November 2022**

*Designed and implemented in-house software for Walmart associates to use in their daily jobs that decreased common pain points while increasing ease-of-use and productivity*

- Launched Report Hub analytics tool using React, GraphQL and Sequelize to provide store leaders with an easy way to build dashboards displaying insights into Walmart+ sign ups, CVP, and store asset shrink
- Developed internal mobile app that enabled store associates to access content remotely via VPN
- Managed app security and governance to ensure compliance with CCPA regulations, data integrity, and security protocols
- Created a recognition application that allowed coworkers and teammates to acknowledge and celebrate each other's hard work and contributions

### **Software Engineer | Kitestring Technical Services (Walmart)**

**October 2017 – November 2020**

*Started by supporting Point-of-sale transaction web services and eventually transformed Walmart Maps to become a zero-downtime enterprise service, rather than just a single-use case platform*

- Strengthened Store Maps by developing both Java and Javascript-based services that provided 6,500 store maps to the walmart.com customer-facing site (100k daily users) as well as several internally-facing teams
- Presented the Store Maps infrastructure to senior leadership and coworkers using C4 architectural diagrams to clearly communicate the system's design and capabilities
- Achieved 99.9% store services uptime throughout FY19 by implementing risk mitigation strategies such as read-through caching (Memcache/Akamai), service scalability (OpenStack computes), map generation queues (Kafka), and real-time logging and metrics (Splunk/Grafana)
- Fixed a decades-old buffer overflow issue in C++ due to store transaction payload size

**Programming Specialist | J.B. Hunt****June 2014 – October 2017***Learned full-stack and mobile software development for one of the largest transportation companies in the US*

- Streamlined the J.B. Hunt Drive app by implementing trip sheet functionality, allowing thousands of drivers to work via a mobile device rather than OBD tablets improving workflow, ease of use, and service availability
- Developed Java REST APIs using Java/Spring Boot to handle and process data between DB2 and ActiveMQ from over 10,000 truck drivers and thousands of 3rd party carriers
- Built automated carrier load/unload geofencing using Google Maps API, eliminating 20% manual workflow
- Supported a rail payables system in ASP.Net alongside the finance team that generated an annual \$2 billion worth of revenue

**Programmer | Nidec Motor Corporation****August 2012 – May 2014***Began my career self-learning using various resources while attending foundational programming classes in college*

- Established Access databases to keep track of all worker hours, stock, and purchase order handling
- Collaborated with CAD and Engineering teams to modernize the AS400 motor design flow into Visual Basic
- Created an inventory DBMS handling 20k tickets (100k parts) and cutting inventory time by 50-80%

**PROJECTS****NWA Real Estate Bot:** Private tool enabling real estate agents to discover local information using Python+ChatGPT**Plebiant:** Game company for creating mobile games using Unity - <https://plebiant.com>**Collective Convenience:** React Native application built for the health industry in Ohio**EDUCATION****University of Arkansas, Bachelor of Science — Computer Science****August 2010 - May 2014**