Elisha Kim

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TECHNICAL SKILLS

React, Redux, JavaScript, TypeScript, HTML, CSS, Bootstrap, Tailwind, Flexbox, ASP.Net, Node.js, Java, Python, C#, SQL (MS SQL Server, BigQuery, NRQL), GraphQL, NoSQL, Git, New Relic, Quantum Metric

EXPERIENCE

Home Depot | *Atlanta, GA*   **2021 - Present**
Software Engineer II

- Served as the primary contributor to developing the cross-sell up-sell feature, integrating 100,000+ SKUs across general merchandise and major appliance categories. Designed and implemented swap and remove functionally, enabling customizable product bundles and driving add-on sales.
- Authored Architectural Decision Records (ADRs) to document critical decisions on web traffic management, SEO strategy, core web vitals optimization, and long-term engineering scalability, providing stakeholders with clear technical justifications and actionable recommendations.
- Conducted technical interviews to evaluate software engineering candidates' expertise in React, version control, core web vitals, JavaScript, TypeScript, HTML, CSS, and algorithms.
- Leveraged New Relic and Quantum Metric to build dashboards and enhance web performance by reducing core web vitals (CLS, LCP, INP, TTFB) and addressing issues with server-side rendering, JavaScript, and component errors.
- Led innovation weeks with engineers, product managers, and UX designers to create a new cart drawer feature, employing AB testing, and leading the feature to production.
- Streamlined the release process and boosted deployment efficiency by adopting A/B/C audience segmentation during beta testing and leveraging GitHub Actions to automate performance regression scenarios, optimizing SSR and Core Web Vitals metrics.

Software Engineer I

- Led a major frontend refactor of an in-house calculator for 300,000+ SKUs using Java and React, integrating new IDM objects into the API, improving data consistency, and expanding bulk purchasing workflows on the front end.
- Served as release captain on a monthly basis, overseeing code reviews and deployments to production and beta while collaborating with SREs and stakeholders to resolve issues and improve Core Web Vitals. Facilitated war rooms during critical incidents and conducted post-mortems to drive continuous improvement.
- Refactored React code for key components supporting product variant selection and multi-product package displays, widely used across most Home Depot's item categories, enhancing modularity and maintainability.
- Facilitated the adoption of Tailwind for streamlined styling, performed a major version bump for Node.js while resolving dependency issues, and integrated Contentful for scalable content management, deprecating legacy systems.
- Led a documentation task force to consolidate sources and create new guidelines to establish a single source of truth. Authored key documentation to streamline onboarding across the organization.

A Closer Look | *Norcross, GA | Software Engineer*   **2019 - 2021**

- Modernized 20+ client and employee portal pages by migrating from ASP.Net to React and Redux, resulting in a 30% faster page load time and improved user experience.
- Harnessed Node.js and SQL Server to build a highly scalable REST service, enlisting efficient data retrieval and seamless integration for significantly improved application performance and reliability
- Implemented advanced security features, including role-based access controls, in ACL's client and employee portals to enhance data security and ensure compliance with industry standards.
- Built a shopper sign-up page, handling functionality from the front end to the database; integrated email and password validation, email verification, and secure password encryption to protect user data and adhere to security best practices.
- Utilized SQL to construct triggers, design tables, and implement robust stored procedures, enhancing database performance, reliability, and management efficiency

EDUCATION

Georgia State University | *BA in English, Concentration in Creative Writing*   **2016**