John Lee

Front-End Software Engineer

📞 (917) 208-5362   ✉ contactjohnlee@gmail.com   🏠 johnlee.work

EXPERIENCE

Senior Front-End Engineer @ Enquizit (A CDW Company)

Feb 2023 - Oct 2024 // Remote

› Contributed to the development of the National Electronic Disease Surveillance System for the CDC, enabling streamlined reporting and monitoring of infectious diseases.
› Integrated with RESTful APIs built on Java Spring Boot to facilitate data reporting and monitoring
› Spearheaded accessibility research, defining screen reader best practices and implementing ARIA standards to ensure WCAG compliance, improving user experience for individuals with disabilities.
› Partnered with the UX lead to translate research insights into actionable development requirements, aligning the engineering team with user-centered design principles.
› Led a team of two engineers in building a patient record filtering, reducing data retrieval time.
› Maintained 95% unit test coverage across core components using Jest, ensuring robust, error-free features.

Front-End Engineer @ BoldScience

Mar - Nov 2022 // Remote

› Led front-end development for an AdComms platform, collaborating with the product designer and backend architect to deliver a seamless user experience.
› Developed React components that interfaced with a Node.js/Express backend, consuming GraphQL and REST APIs.
› Built features including database record search, sort, and update functionality, user authentication, and drag-and-drop file upload/download via AWS S3 and Lambda functions, optimizing asset delivery.
› Thrived in a fast-paced agency environment with one-week sprint cycles, delivering high-quality features and conducting weekly demos for stakeholders.

Senior Front-End Developer @ Overpass

Mar 2020 - Dec 2021 // Remote

› Revamped and relaunched the internal design system, introducing an interactive component library to standardize UI elements and improve development efficiency.
› Authored and maintained code-quality best practices documentation, promoting consistent, high-quality code across teams.
› Refactored and upgraded application components to improve flexibility, functionality, and code clarity, enabling faster feature iteration and easier maintenance.
› Implemented unit tests for components using Jest and conducted end-to-end testing with Cypress, ensuring robust, reliable application performance.

Front-End Developer @ Hachette Book Group

Oct 2018 - Oct 2019 // New York, NY

› Designed and launched web presences for authors (e.g., Scott Turow, Sam Kean), company imprints (Little Brown, Orbit Books, Grand Central Publishing), and HBG corporate.
› Created tools within WordPress to empower internal marketing teams, streamlining content updates and enhancing efficiency.
› Utilized PHP, HTML5, CSS3/SCSS, and JavaScript to develop responsive and engaging digital experiences tailored to client needs.

Ebook Production Manager @ Penguin Random House

Oct 2012 - Oct 2018 // New York, NY

› Led collaboration with key partners such as Disney/Star Wars and Little Golden Books, producing licensed ebook products while maintaining strict adherence to style guidelines.
› Advanced department standards by exploring device- and screen-adaptive ebook experiences and supporting foreign language capabilities.
› Partnered with Alfred A. Knopf and Crown Publishing Group to create engaging digital editions for notable titles, including Jhumpa Lahiri – *In Other Words*, Garth Risk Hallberg – *City On Fire*, and Lena Dunham – *Not That Kind of Girl*.
› Developed and implemented a high-resolution image strategy adopted across the ebook department, enhancing visual quality and consistency.

SKILLS

Languages

TypeScript, JavaScript (ES6), HTML5, CSS/SCSS, Handlebars, SQL, PHP, Epub, XML

Frameworks + Libraries

React, Aurelia/Angular, NextJS, Tailwind, OSCommerce, Wordpress

Tools

Git / Github, GH Actions, Jest, Cypress, Jenkins, Docker, Postman, GraphQL, MongoDB, AWS S3

Design

Figma, Zeplin, Photoshop, Illustrator, InDesign, WCAG Accessibility, User Research, User Testing

EDUCATION

Columbia University

MS Urban Planning
conc. Urban Design

Carnegie Mellon University

BS Information Systems
conc. Communication Design