Spencer Lee

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Technical Skills

Strong: JavaScript (ES6+), TypeScript, React, Next.js, Redux, Ember.js, Golang, SQL, PostgreSQL, RESTful API, Jest, React Testing Library, TailwindCSS, SASS, Styled Components, Bootstrap, Material-UI, HTML5, CSS3, Storybook, Contentful CMS, Metabase, Looker, Figma, Git, Agile, SEO
Experienced: Ruby, React Native, Webpack, NPM, AWS (EC2, S3), Sentry, CircleCI

Professional Experience

Moov Technologies Inc. | *Software Engineer*   2022-2024
- Designed and led the end-to-end development of a React component architecture and Golang API for the equipment search page, featuring dynamic, context-aware filters that adapted to user input.
- Boosted equipment search performance by optimizing PostgreSQL queries—reducing fetch times by 38%—through table indexing, optimized joins, and elimination of redundant data retrieval from existing endpoints.
- Improved feature rollout speed by collaborating with head designer to implement a reusable component system using Material-UI, enhancing UI development velocity and alignment with Figma design systems.
- Developed an equipment management service for the marketplace website, streamlining asset tracking and transactions for buyers and sellers through an interactive dashboard.
- Integrated Tive shipment tracking into the settlements page, enabling users to monitor freight metrics such as geolocation, temperature, and illumination in real time.
- Integrated Google Analytics into the marketplace website, enabling data-driven insights into user search behavior, leading to improved sales conversions and enhanced client acquisition strategies.
- Integrated Greenhouse's Job Board API into the public careers page, enabling real-time job posting updates and streamlining HR management of open positions.

Moov Technologies Inc. | *Junior Software Engineer*   2020-2022
- Developed and launched the B2B marketplace website from scratch, leveraging Next.js to enhance SEO performance, TypeScript for error resilience and scalability, TailwindCSS for UI development velocity, and structured coding practices for long-term readability and maintainability.
- Enhanced web accessibility to WCAG 2.1 standards, boosting Lighthouse scores by 35%, improving SEO rankings, and mitigating compliance risks.
- Built dynamic data visualizations (graphs, tables, dashboards) using Ember.js, Bootstrap, Metabase, and Looker enabling data-driven sales insights and improving sales performance tracking.
- Integrated Contentful CMS into the marketplace website to enable real-time blog updates, allowing the product team to create and manage posts efficiently without redeployment.

Moov Technologies Inc. | *Software Engineer Intern*   2020
- Developed responsive, cross-device UI using React, JavaScript, and SASS/Styled Components, ensuring compatibility and performance with desktop, tablet, and mobile devices.
- Improved code reliability by writing unit and integration tests with Jest and React Testing Library, increasing test coverage and reducing frontend bugs.

Education

University of California, Davis / Bachelor of Arts, Music Composition   2012-2016

Interests

Cackling over video games with friends, losing my voice in karaoke, composing music, piano, ping pong, weight-lifting, traveling and exploring new food places (South Korea has *amazing* medium roast coffee).