

# Billy Le

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## Skills

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**Languages:** TypeScript, JavaScript, HTML, CSS, Node, Express, MongoDB, Git, PostgreSQL, SQLite, Go, Docker

**Frameworks:** React, Next.js, Astro.js, TailwindCSS, Redux, Rx.js, Flutter, React Native, Strapi

## Experience

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**Lead Front End Software Engineer**, 4insite – McClellan Park, CA Nov 2020 – Dec 2022

- Optimized Webpack build times by 67% (12 mins to 4 mins), improving productivity
- Reduced CSS bundles by 60% by migrating to TailwindCSS, decreasing page load times
- Mentored domestic and international team members, lowering troubleshooting times through pair programming
- Performed production releases by merging and reviewing pull requests on a daily basis
- Maintained monthly meetings with team members to discuss technical decisions and standardization
- Minimized system downtime, resolving critical system failures within the first 24 hours
- Standardized design systems and UI components using Storybook, reducing code duplication

**Front End Software Engineer**, 4insite – McClellan Park, CA Aug 2019 – Nov 2020

- Built an organization chart and hierarchical tree with drag and drop support, simplifying employee management
- Architected Learning Management System containing full video courses, quizzes, exams, and completion certifications
- Ensured type safety from back end to front end, accelerating development and enhancing developer experience
- Developed data visualization dashboards, enabling real-time metric tracking
- Refactored multiple pages and features, reducing duplicate data fetching, re-renders, and page load times

**Software Engineer (Contract)**, 4insite – McClellan Park, CA Nov 2018 – Aug 2019

- Migrated over 20 pages from legacy Angular to React using a simplified template system, improving performance
- Created smooth SVG animations and transitions on a multi-page feature
- Refactored state management for complex pages and forms, improving maintainability and durability

**Software Engineer**, CLC Inc. – Roseville, CA Sep 2017 – Oct 2018

- Streamlined survey data collection by integrating Typeform, providing insights on customer financial hardships
- Enhanced user budgeting tools by developing a feature for splitting and categorizing financial transactions
- Maintained 90% code coverage by writing full unit test suites, decreasing bugs and errors in production

**Software Engineer (Contract)**, Kore Innovations Inc. – McClellan Park, CA Mar 2017 – May 2017

- Contributed to the initial setup of a React app with a Ruby-on-Rails backend for inventorying and tagging livestock
- Ensured on-time delivery of a streaming video content user interface by rapidly learning Ruby and HAML

**Sergeant of Marines**, Marine Corps – Twentynine Palms, CA June 2010 – June 2014

- Instructed over 1000 hours of training to nearly 200 entry-level and Fleet Marines on micro-miniature soldering repair
- Maintained course materials and training plans for enrolled students to achieve core competency and proficiency

## Projects

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**Operation Code** operationcode.org

- Contributed to the open source project. helping military veterans and their dependents acquire technical skills, education, or employment in the tech industry
- Migrated over a dozen React component CSS modules to TailwindCSS

**EventLulu** eventlulu.billyle.dev

- Developed sales management and bookkeeping application for hotel events using Node.js, Next.js, and PostgreSQL
- Increased productivity of users by reducing users' reliance on paper and manual data entry

## Education

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**Ashford University** – Bachelor of Art in Business Economics

2014