

# Mark E Phillips

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## Work Experience

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### Mastery Logistics Systems

SOFTWARE ENGINEER

March 2022 – June 2023

- Wrote clean, maintainable, and highly efficient TypeScript code with React, focusing on code quality and adherence to web development best practices.
- Streamlined data retrieval and manipulation processes by developing and deploying GraphQL APIs, leading to a 30% reduction in server load.
- Conducted unit and integration testing using Jest and Cypress, collaborating with QA teams to ensure high-quality deliverables.
- Implemented secure client session management using JWT and utilized React Router to manage protected routes, collectively enhancing application security and user authorization within the application.
- Utilized Git for version control and participated in code reviews to maintain code quality.
- Collaborated with product managers, UI/UX teams, and engineers to analyze requirements and seamlessly deliver new features, ensuring on-time delivery and customer satisfaction.

### PhillStack

SOFTWARE ENGINEER

August 2020 – May 2022

- Developed and deployed high-performance web applications using React and TypeScript, enhancing load times and user experience across different browsers.
- Optimized site speed and functionality by leveraging Node.js to build lightweight, RESTful APIs, averaging a 20% improvement in overall site performance with pre-existing applications and increased user engagement, as measured by Google Lighthouse metrics.
- Developed backend services using NodeJS and Express, integrating data services with front-end applications using async approaches.
- Integrated Google Analytics via Google Tag Manager (GTM) to gather actionable insights into website performance, user behavior, and conversion metrics.
- Implemented Git for version control and followed Agile methodologies to ensure efficient project management, seamless collaboration, and successful delivery.
- Engineered the entire product development lifecycle, integrating agile methodologies to drive rapid iterations and continuous improvements; streamlined development cycles, resulting in a 25% reduction in time-to-market and increased user satisfaction.
- Transferred an existing front end from WordPress to Big Commerce, ensuring a seamless migration and enhanced e-commerce capabilities.
- Created a custom Big Commerce theme and redesigned sections to improve the user interface.
- Implemented a responsive design approach for blog pages, resulting in around a 20% increase in mobile traffic and improved user experience, leading to a 8% increase in click-through rates.

### Boombox Cartel

WEB DEVELOPER

June 2017 – August 2020

- Led the strategic redesign of a multi-page user experience, seamlessly converting the site into a single-page application; achieved a significant 40% boost in customer engagement and user retention by optimizing navigation flow and improving overall user experience.
- Integrated the Bandsintown API to showcase tour dates and connected the website with Mailchimp, facilitating client email list growth.
- Built new Angular components for the customer-facing web app, optimizing site load times by 30% and enhancing overall performance.

## Skills

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**Programming Languages:** TypeScript, JavaScript, HTML, SASS, CSS

**Libraries & Frameworks:** React, NodeJS, NextJS, Express, Angular

**Tools:** Amazon Web Services (AWS), GraphQL, Cypress, Jest, Docker, Git (Version Control), RESTful Web Services

## Education

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**Inver Hills Community College**

Inver Grove Heights, MN

ASSOCIATES DEGREE

2014