

Lisa Thompson

Senior Full-Stack Software Engineer

Baton Rouge, LA (Remote)

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Professional Summary

Senior Full-Stack Software Engineer with 20+ years of experience building web applications and 10+ years developing enterprise software. Expertise includes React, TypeScript, PHP, WordPress, REST APIs, MySQL, and AWS, with a passion for transforming complex business requirements into intuitive, high-quality user experiences.

Known for leading complex feature development, designing maintainable frontend architecture, and delivering polished, pixel-accurate interfaces. Experienced collaborating across product, design, and backend teams while leveraging AI-assisted development to accelerate delivery and improve software quality.

Professional Experience

Senior Software Engineer | TRUCE Software | April 2015 – Present

Design, develop, and maintain enterprise web applications supporting commercial fleet management, driver safety, and coaching platforms.

- Led development of the Coaching Dashboard, delivering employee performance summaries, coaching event management, persistent filtering, communication threads, and real-time messaging using React, TypeScript, RTK Query, PHP, and MySQL.
- Designed reusable frontend architecture by centralizing filtering, state management, and shared components, improving maintainability across multiple applications.
- Collaborated on backend API design, recommending orchestration endpoints that simplified frontend workflows and reduced client-side complexity.
- Designed and implemented the Historical Sessions platform featuring synchronized Google Maps visualization, trip playback, event timelines, route rendering, and video integration.
- Built complex React and TypeScript interfaces driven by production REST APIs and evolving business requirements.
- Modernized legacy PHP applications while maintaining compatibility with enterprise production systems.
- Translate detailed UI mockups into pixel-accurate, responsive interfaces with close attention to spacing, typography, alignment, and usability.
- Diagnosed and resolved complex production issues involving networking, DNS, SSL certificates, Apache configuration, and application infrastructure.
- Leveraged AI-assisted development tools for architecture exploration, debugging, refactoring, documentation, and rapid prototyping.

Web Developer | Stun Design | February 2013 – March 2015

- Developed custom WordPress websites from Photoshop designs.
- Built custom plugins and interactive JavaScript functionality.
- Designed and maintained MySQL databases.
- Created responsive websites for a variety of business clients.

- Designed and developed a large e-commerce website.
- Built integrations between multiple product departments.
- Created an Amazon product feed containing over 9,000 products.
- Implemented Google Analytics reporting to improve sales and user behavior analysis.

eLearning Instructional Designer / Safety Council / May 2005 – May 2009

- Developed more than 100 web-based training courses.
- Collaborated with SMEs, designers, and multimedia teams.
- Managed project schedules and student workers.

Selected Enterprise Projects

Coaching Dashboard

- Led development of a full-stack coaching workflow including employee summaries, coaching events, communication threads, and integrated messaging.
- Adapted application architecture after validating UI assumptions against production API payloads.
- Reused existing dashboard components to improve consistency while reducing maintenance.

Historical Sessions Platform

- Designed an interactive fleet visualization platform using React, TypeScript, RTK Query, and Google Maps.
- Built synchronized mapping, trip visualization, event timelines, and video playback features.
- Developed reusable mapping components and complex event interactions.

Independent & Personal Projects

NOLA Beer Bus — Freelance Software Developer (2023)

Case Study: redcypressdesigns.com/tracking-bus/

Designed and developed a custom GPS-based bus tracking application for a New Orleans tour company, providing customers with real-time vehicle location through an interactive Google Maps interface.

- Designed and implemented a custom WordPress administration dashboard for managing routes, brewery locations, business hours, API configuration, and live tracking settings.
- Integrated GPS data with Google Maps to display real-time bus locations alongside custom brewery markers and route visualization.
- Developed a responsive mobile experience enabling customers to monitor the bus without contacting the business.
- Worked directly with the client to gather requirements, iterate on features, and deliver a complete production-ready solution.

Founder & Lead Developer — RedCypress Designs (2024–Present)

<https://redcypressdesigns.com>

- Designed, developed, and operate a production WordPress website focused on SEO, affiliate marketing, and content strategy.
- Customize WordPress themes and plugins to improve usability and performance.
- Optimize Core Web Vitals, page speed, and search visibility.
- Analyze Google Analytics, Search Console, and Pinterest performance data to guide content strategy.
- Troubleshoot hosting, plugin conflicts, DNS, SSL, and ongoing website maintenance.
- Use AI-assisted workflows to streamline research, development, and content production.

Technical Skills

Languages: React, TypeScript, JavaScript, PHP, HTML5, CSS3, SCSS

Frameworks/Libraries: Redux Toolkit, RTK Query, Bootstrap, jQuery, WordPress

Cloud & Infrastructure: AWS, Docker, Git, Apache, DNS, SSL

APIs & Data: REST APIs, Google Maps APIs, MySQL, Google Analytics

Other: UI/UX Design, Performance Optimization, Responsive Design, AI-assisted Development

Education

Louisiana State University

Bachelor of Science

Information Systems & Decision Sciences