

KEVIN LONG

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SUMMARY

Full Stack Application Developer. Lifelong Cardinal fan. Still not in favor of the designated hitter. React. NextJS. Node. Express. MongoDB. Typescript. JavaScript. Skilled at building fully responsive web applications to meet specifications. Extensive experience with React. Experience with designing and consuming GraphQL and REST APIs. Experience with relational databases. Highly collaborative. Thrives on collaborative problem-solving. Detail oriented. Lifelong learner. Comfortable working independently and as part of a team. Background in the performing arts and education. Brings the passion and creativity of an artist and the patient persistence of a teacher to work as a developer.

TECHNICAL SKILLS

Languages: JavaScript ES6, Typescript, ColdFusion, HTML5, CSS

Back End: Express, Node, MongoDB, Mongoose, SQL, Sequelize, MySQL, Postgres, REST APIs, GraphQL, Apollo GraphQL

Front End: React, React Hooks, React Router, React Context, Nextjs, Tailwind CSS, Material UI, Bootstrap, Google Fonts, Handlebars, Emailjs, Swiperjs, Cross-Browser Development

Concepts: Responsive Web Design, Agile Methodology, Object-Oriented Programming, Model-View-Controller, Test-Driven Development

Other: ArcGIS Maps SDK for JavaScript, GitHub, Git Version Control, Heroku, bcrypt, JSON Web Tokens, jQuery, PWA, Service Workers, IndexedDB, Command Line, WordPress, Content Management Systems, Google Analytics

PROJECTS

WatchTV - Full stack application. React. Node. MongoDB. Express. Serves as a central hub for all of a user's subscription streaming accounts. Search for any TV show or movie and link to where it is available online to stream, rent, or buy. Multiple search methods enable users to find what they want to watch and where they can watch it. Users can search all sources or just the ones they are subscribed to. Save titles to a watchlist for later viewing. The watchlist can be filtered by source, type, and genre.

- [GitHub Repository](#) | [Deployed Application](#)
- **Role:** development, design, sole author
- **Tools:** React, Node, MongoDB, Express, Material UI, React Router, React Context, Apollo, GraphQL, JSON web tokens, bcrypt, Mongoose, JavaScript, HTML, CSS,

MUSICOLOGY - Full stack application. React. Node. MongoDB. Express. Networking app for musicians. Enables musicians to connect for creative and business purposes.

- [GitHub Repository](#) | [Deployed Application](#)
- **Role:** Primary author and project manager
- **Tools:** React, Node.js, MongoDB, Mongoose, Express.js, React Router, Apollo, GraphQL, HTML, CSS, JavaScript, Material UI, bcrypt, JSON web tokens, Google Fonts

RELEVANT WORK EXPERIENCE

Web Development Specialist, City of Saint Louis

Feb 2024 - Present

- **Key accomplishments:**
 - Developed a reusable custom element to auto generate jump links for web pages, significantly reducing the time it takes to create a new page through the content management system.

- Developed a reusable custom element that utilizes ArcGIS Maps SDK for JavaScript. The map component can be dynamically initialized with various different graphic layers that contain unique data, such as property parcels, neighborhood boundaries, city trees, bike lanes, city wards. Users can click on the map to select different graphic objects on the map. The component is versatile and flexible allowing for integration with multiple different applications.
- Refactored [LRA property search page](#) to improve user experience and make more data readily available.
- Develop new features for the city web system.
- Performing system updates, bug fixes, and maintenance as needed.

Full Stack Developer, Rhythm Code Studio

Jan 2024 - Present

- Design, develop, update, and maintain fully responsive and accessible web applications to meet client specifications.
- **Mike Martin Media** - www.mikemartinmedia.com
 - Developed a new website based on client specifications. Website includes approximately 50 embedded videos and 3 photo galleries to showcase client's work for potential customers.
 - **Tools:** React, NextJS, Tailwind CSS, Google Fonts, Vercel Analytics, HeadlessUI, SwiperJS
 - Perform website content updates as requested by the client
 - Monitor the site and perform routine maintenance updates as needed
 - Developing a custom content management system that will allow the client to update content themselves without the need to use any code.

Web Development Boot Camp Teaching Assistant, 2U - Remote

Oct 2022 - April 2024

- Assist with instruction of the Full Stack Curriculum with a focus on React, Node, Express, MongoDB, JavaScript, HTML, and CSS.
- Support students with class activities, homework assignments, projects, and technical issues.
- Oct 2022 - April 2023: Planned and facilitated bi-weekly homework help sessions resulting in a 15% increase in student homework submissions, contributing to the highest graduation rate in program history, approximately 20% above the program average.

1st & 2nd Grade Teacher, Austin Discovery School - Austin, TX

June 2020 - June 2021

- Used no-code platform Seesaw, in conjunction with Clever and several other learning apps, to develop an innovative system for virtual learning, allowing students to learn from home with minimal adult support resulting in a 25% increase in assignment completion.
- Trained students and guardians over Zoom to use a custom virtual learning system utilizing approximately 10 different online learning applications, empowering students to effectively learn from home during the pandemic with minimal adult support.

EDUCATION

Certificate in Full Stack Web Development

University of Texas

Austin, TX

Bachelor of Arts in Theater

Truman State University

Kirkville, MO