Brandon Buhr

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EDUCATION

Frontend Software Developer Bootcamp   2024
Frontend Simplified   *Remote*

Software Development Course   2024
CourseCareers   *Remote*

Bachelor of Fine Arts in Music Composition and Technology   2021
University of Wisconsin-Milwaukee   *Milwaukee, Wisconsin*

EXPERIENCE

Frontend Developer   September 2024 – Present
chebeMCHN   *Remote*

- Engineered a scalable React.js application to interface with smart vending machines, supporting over 10,000 users and enhancing user interactions with real-time data.
- Implemented RESTful API integrations, improving data flow efficiency and minimizing latency for seamless front-end and back-end communication.
- Collaborated with backend, cloud, and architectural teams using GitHub and Azure to ensure synchronized development and deployment processes.

Frontend Developer Intern   July 2024 – September 2024
Frontend Simplified   *Remote*

- Designed and developed single and multi-page applications using React.js and TypeScript, delivering user-centric solutions that served over 5,000 users.
- Built reusable, responsive UI components with Tailwind CSS, enhancing development efficiency and ensuring consistent design patterns across projects.
- Integrated external APIs using Axios and optimized state management techniques, leading to streamlined data handling and improved application performance.

PROJECTS

Movie Center | *React, JavaScript, HTML, CSS*   July 2024 – Present

- Developed a React.js web application that allows users to search and filter movies based on runtime, alphabetical order, rating, and release date.
- Utilized component-based architecture to create scalable and maintainable UI elements, ensuring a clean and efficient codebase.
- Implemented state management using React's useState and useEffect hooks to dynamically update UI based on user input and API responses.
- Designed a fully responsive layout with CSS flexbox, ensuring seamless user experience across desktops, tablets, and mobile devices.

Twitter Clone | *Next.js, JavaScript, Tailwind CSS, Firebase*   September 2024

- Created a full-stack social media platform using Next.js with Firebase for authentication, real-time database management, and hosting.
- Developed user authentication with Firebase Auth, enabling secure sign-in and sign-out flows with email-based authentication.
- Built dynamic features such as tweet posting, commenting, and liking, using Firestore for real-time updates and data persistence.
- Implemented a modern UI using Tailwind CSS, focusing on responsiveness, clean aesthetics, and a mobile-first design approach.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Go, HTML/CSS
Frameworks and Libraries: React, Next.js, Tailwind CSS, Material-UI
Developer Tools: Redux, Firebase, Vercel, Figma, Git, Microsoft Azure, VS Code