Lauren Singbush

Front-End Developer

(515) 865-6373 ✆
singbushlauren@gmail.com ✉
laurensingbush.com ⌂
linkedin.com/in/lauren-singbush in
github.com/laurensingbush ⌽

OBJECTIVE

Front-end developer looking to leverage my background in HCI and experience building high-quality, responsive web apps to help deliver solutions to users while providing them a useful and reliable experience.

Skills: HTML5, CSS3/Sass, JavaScript (ES6+), TypeScript, React, Next.js, Node.js, Express, MongoDB, PostgreSQL, Git

PROJECTS

Find-A-Hobby   *2021*
https://find-a-hobby.vercel.app/
- Built a full-stack web app using Next.js, TypeScript, Prisma, and PostgreSQL
- Utilized Next.js API routes to build a REST API that performs CRUD operations with the Prisma Client API
- Enforced code maintainability by using a TypeScript ORM for data modeling, migrations, querying, and seeding
- Implemented a secure authentication system by integrating NextAuth.js with my database for persisting user and session data and support for signing in via GitHub and Google
- Retrieved hobby data from several MediaWiki API endpoints, extracted useful data using regex, merged the JSON responses, and wrote the output to a JSON file used for database seeding

OMDb Search   *2021*
https://imdb-favorites.herokuapp.com/
- Built a full-stack web app using React, Node.js, Express, and MongoDB
- Designed a REST API that implements token-based authentication using JWT, performs CRUD operations, and makes external API calls to obtain movie/show data based on user search parameters
- Created a MongoDB Atlas cloud database for persisting user and token data
- Implemented React portals, custom hooks for form validation and API requests, and Context API for user authentication and global state management

SleepTight   *2020*
- Collaborated with team members to design, prototype, and evaluate a mobile application, built with HTML5 and CSS3, through the user-centered design process
- Established requirements, created low-fidelity and high-fidelity prototypes, recruited users, conducted usability tests, and reported results

WORK EXPERIENCE

Web Designer   *Iowa City, IA*
The University of Iowa   *June 2018 – Aug 2018*
- Configured and designed a website using WordPress for a research group over a 2-month period
- Balanced requirements and deadlines to efficiently finish within the limited timeframe

EDUCATION

The University of Iowa   *Iowa City, IA*
B.A. in Informatics – Human-Computer Interaction Concentration   *Aug 2016 - May 2020*