Spencer Smith

Flower Mound, TX 75022 | 817-703-8897 | smithspencer817@gmail.com | Site | Github | Blog | LinkedIn

FULL-STACK SOFTWARE ENGINEER

Highly organized former teacher with experience planning and managing logistics for over 350 band members and multiple student organizations. Life-long learner and self-starter who loves to figure out how things work.

TECHNICAL SKILLS

JavaScript, Ruby on Rails, React.js, Express.js, Node.js, REST APIs, Redux, SQL, HTML, CSS, Git, MVC Architecture, Object Oriented Programming, Relational Databases

TECHNICAL PROJECTS

List it! (ongoing side project) | front end | back end | demo
An Express.js / React.js list generator built with new self-taught technologies
- *Organized model relationships and queried data out of a PostgreSQL database with Sequelize*
- *Defined custom API endpoints to handle HTTP requests with an Express.js backend*
- *Managed state predictably with Redux and React Hooks on the front end*
- *Stored JWT tokens in cookies for authentication and encrypted passwords with bcrypt*
- *Highly prioritized DRY principles and scalability to help implement future features more easily*

Untitled Question App | front end | back end | demo
A Rails / React.js messenger system that allows users to target other users with questions
- *Optimized the system design so that goals could be reached by the project deadline*
- *Designed a RESTful Rails API and enabled users to connect to users via self-joining relationships*
- *ActiveRecord ORM used to define relationships between question, answer, and user models*
- *Used session storage for authentication*

Mountain Man | repo | demo
Basic CRUD app that allows hikers to create posts
- *ActiveRecord ORM used to define relationships and query data from a SQLite3 database*
- *Front end constructed with vanilla JavaScript and HTML, Bootstrap used for styling*

Playlist App | repo | demo
Ruby CLI app that creates playlists
- *Fetched song data from the Spotify API to populate a SQLite3 database*

EXPERIENCE

Associate Director of Bands - Prosper High School, Prosper, TX   07/2017 - 05/2020
- *Recognized by students in the top 10% as a PISD Outstanding Educator in 2020*
- *Planned, managed, and directed trip logistics including transportation and hotels for 350 students*
- *Planned and directed rehearsals for the marching band and two concert bands*

Assistant Director of Bands - Klein Oak High School, Spring, TX   05/2015 - 07/2017
- *International Baccalaureate (IB) Music - 70% of IB students who took my course received a grade of five (out of seven) or higher on the IB Music Exam*

EDUCATION

Flatiron School   Austin, TX
Certificate in Full Stack Software Development - Number 1 Ranked Bootcamp by Course Report   06/2020 - 08/2020

University of Houston   Houston, TX
Bachelor of Music Education - Magna Cum Laude   08/2010 - 05/2015