# Spencer Smith

Richardson, TX 75081 | 817-703-8897 | smithspencer817@gmail.com | Site | Github | Blog | LinkedIn

## SOFTWARE ENGINEER

Full-Stack JavaScript Developer and former educator with a deep understanding of programming languages, leadership and organizational skills, and an ardent interest in understanding how things work.

## TECHNICAL SKILLS

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

## TECHNICAL PROJECTS

**List it! (ongoing side project)** | front end | back end | demo
Node.js / React.js list generator built with new self-taught technologies
- *Defined model relationships and queried data out of a PostgreSQL database with Sequelize*
- *Constructed a dynamic web server with customized API endpoints using Express.js*
- *Managed state predictably with Redux, Redux Thunk, Redux DevTools, and React Hooks*
- *Stored JWT tokens in cookies for authentication and encrypted passwords with bcrypt*
- *Refactored code deliberately and methodically to facilitate adding new features easily*

**Untitled Question App** | front end | back end | demo
Ruby on Rails / React.js messenger system that allows users to target other users with questions
- *Optimized project goals and system design so that deliverables could be met by the end of the sprint*
- *Designed a RESTful Rails API and enabled users to connect to users via self-joining relationships*
- *Defined relationships between question, answer, and user models with ActiveRecord*
- *Verified user authentication data with session storage*

**Mountain Man** | repo | demo
Ruby on Rails / JavaScript CRUD app that allows hikers to create posts
- *Defined model relationships and queried data from a SQLite3 database with ActiveRecord*
- *Front end constructed with vanilla JavaScript and HTML*
- *Bootstrap used for styling*

## EXPERIENCE

**Freelance Full-Stack Web Developer**  - Dallas, TX                    09/2020 - Present
- *Currently working on  a Baseball API for JavaScript developers with Node.js, Express.js, Knex.js, Hapi, and PostgreSQL* | repo

**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 - 09/2020

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

**What I'm Currently Learning**
MongoDB, Modern Software Practices (Containers, Cloud Computing, etc.), Python, Algorithms and Data Structures