# Dan Benson

**Full Stack Software Engineer**

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## Technical Skills

**Languages:** JavaScript | TypeScript | Python | PHP | SQL | HTML | CSS
**Libraries/Frameworks/Tools:** React| Node.js | Express.js | jQuery | Bootstrap | Flask | RESTful APIs | Jest | Jasmine | Sass
**Databases:** PostgreSQL | MySQL

## Experience

**RealtyAds** | Chicago, IL                                                              **February 2022 - Present**

**Software Engineer** | November 2022 - Present
- Improved search functionality and render speed by 90% by implementing a new data flow using **PHP** and **MySQL**.
- Increased maintainability and reduced code duplication by 60% by refactoring REST API's into specific containers.
- Reduced data entry errors by 25% by integrating Sales team data with HubSpot's API platform through table designs.
- Streamlined sales completion and payment updates by creating various automated tasks using **PHP.**

**Junior FrontEnd Engineer** | February 2022 - November 2022
- Designed reusable dashboards for a variety of sales team members in **jQuery, Javascript**
- Enhanced internal teams table design for custom layout, filtering, and pagination utilizing **jQuery**
- Conducted unit testing on the frontend design, ensuring 99% coverage and maintaining the quality of the user interface.

**Software Engineer Intern** - Rithm School | San Francisco, CA                  **November 2021 - December 2021**

- Created a comprehensive weekly reference guide to streamline access to course content, reference information, and assessments, resulting in a 20% decrease in time spent searching for information using **Django**.
- Designed and implemented a user-friendly, editable content management system for instructors using **JavaScript**, improving the efficiency and accuracy of course material updates by 50%.
- Designed and implemented a dynamic layout for upcoming projects in a cohort using **Sass**, resulting in a 30% increase in on-time project submissions and effective team collaboration.
- Designed/executed unit and integration tests to maintain 99% coverage.

**Prep Manager** - New England Conservatory Preparatory School | Boston, MA      **September 2017 - June 2019**
- Provided production support for orchestral directors including rehearsal coordination, schedule management and attendance monitoring of preparatory student attendees.
- Designed layouts for instrumentation needed for each performance, and part assignments for a variety of ensembles.
- Responsible for maintaining course curriculum for preparatory student practice and performance.

## Projects

**Pokedex** -  Frontend pokemon application  using React | Typescript | GraphQL | Tailwind | Demo | Github
**Jobly** - Full stack mock job site using React | Node.js | Express.js | Bootstrap | RESTful API | PostgreSQL | Github
**Sharebnb** - Full stack mock household site using React | TypeScript | Flask | RESTful API | PostgreSQL | AWS S3 | Github

## Education

**Rithm School** - San Francisco, CA                                                           **2021**
Certificate of Study: Full Stack Software Engineering

**University of Illinois at Urbana-Champaign** - Urbana-Champaign, IL                           **2015**
Masters of Music: Percussion Performance and Literature

**Illinois State University** - Normal, IL                                                      **2013**
Bachelor of Music in Performance: Percussion