

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.
- Streamlined sales completion and payment updates by creating various automated tasks using **PHP**.

Junior FrontEnd Engineer | February 2022 - November 2022

- Led the design and implementation of a dynamic dashboard UI, optimizing sales team performance by 30%.
- Revamped the internal team table design by implementing dynamic features including custom layout, filtering, and pagination using **Bootstrap**, and **JavaScript** coding. Optimized team productivity and resulted in a 50% improvement.
- Engineered a robust and reusable API class, reducing development time by 30% and eliminating redundant code.
- Conducted unit testing, 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, and schedule management.
- 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