

Jake Bills | Web Developer

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Objective: To use my programming skillset, problem-solving ability, and personal drive to meet the business needs of a company, in the role of a web developer

Education

University of Utah Professional Education / DevPoint Labs
Full-time Web Development Bootcamp, Certificate

Received Spring 2019

University of Utah
Bachelors of Music, with emphasis in Jazz Performance

Graduated Spring 2015

Experience

Salt Lake County Assessor's Office
Software Developer Intern

Nov. 2019 to present

- > Implement PUMA, property tax assessment system developed by the State of Utah for use by all counties, to meet the unique needs of Salt Lake County
- > Liase between clients in the Assessor's office and project managers working on the PUMA implementation team to define test cases and documentation for existing functionality
- > Communicate back to the development team how PUMA can better fit the needs of Salt Lake County Assessors
- > Collaborate on ExtJs UI development with main development team
- > Work with a small team developing PREV, an in-house app to assist the Assessor's Office, using SQL Server, ASP.NET, and Angular 8
- > Work with Project Managers in an Agile Process to meet monthly sprint goals

Samar Audio Design
Technician

Dec. 2017 to present

- > Manufacture parts for boutique ribbon and condensor microphones, maintaining a high standard of precision
- > Solder components to printed circuit boards to make two different circuits for use in products and inspect each solder joint for quality
- > Hand-wind passive and active toroidal transformers

Projects

Query | *code available on request*

Spring 2019

Created educator-focused custom quiz app, with a React front-end and a Rails back-end, as a final project at Devpoint Labs. Allows educators to write quizzes with multiple-choice, true-false, and open-answer questions and assign them to students, who are able to take. The results are instantly graded and displayed to the student and the teacher. Written in: Javascript and Ruby

- > Wrote custom SQL queries to index results by quiz and by student
- > Wrote Ruby methods to auto-grade individual quizzes, and produce analytics on the aggregate results for the quiz
- > Implemented dynamic forms in Javascript for a seamless user experience

Dan Bills Guitars | *code available on request*

May 2019 - present

Landing page for Dan Bills Guitars, a custom guitar-builder and repairman. Displays pictures, pricing, and information on hand-crafted guitars and services. Written in: Javascript and Ruby

- > Implemented an image upload interface using the Cloudinary API, allowing the business owner to manage inventory display
- > Dynamically displays available stock by allowing the business owner to create new database entries and edit existing information

Skills

Languages

- > Ruby
- > Javascript/Typescript
- > HTML/CSS
- > C#
- > SQL

Technologies

- > Ruby on Rails
- > React
- > Angular
- > .NET
- > SQL Server