Beth Deutmeyer

Full-stack web developer | Teacher | Musician
Crocheter | Word game enthusiast
Puzzle lover | Problem solver | Mom

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LinkedIn | GitHub | Project Portfolio

Skills: HTML | CSS | JavaScript | SQL | GraphQL | MERN (Mongo.db, Express.js, React, Node.js)

Recent Projects

Carbon Snapshot (group project - project manager) | Live site | GitHub repo
- Built using the full MERN stack, GraphQL, and Chart.js; utilizes Bootstrap CSS and Reactstrap
- Users can track electric, natural gas, and gasoline usage and see their resulting carbon footprint
- Password security and user verification through Bcrypt and JWT

MVC Tech Blog | Live site | GitHub repo
- Full-stack interactive application; utilizes Bootstrap, Handlebars, Express.js, Sequelize, and mySQL
- User signup/login with encrypted password storage in the database
- Logged in users can post, comment, and edit or delete their previous posts from their dashboard

GAME ON! (group project) | Live site | GitHub repo
- Full-stack interactive application; utilizes Bootstrap, Handlebars, Express.js, Sequelize, and mySQL
- User login with encrypted password storage for saving games
- Search for free online games by title or genre, or by viewing the entire database
- Linked directly to websites where games are hosted for seamless search-to-play

Experience

Voice instructor | Self-employed, private studio | Waukee, IA | May 2006 - Present
- Provide individual instruction to students in vocal technique and artistry
- Handle all communications, scheduling, and financial records
- Create studio policies; maintain a full roster and wait list

Voice instructor
School for Music Vocations at Southwestern Community College | Creston, IA | Aug 2022 - May 2023
Urbandale High School | Urbandale, IA | Oct 2019 - Apr 2023
Theodore Roosevelt High School | Des Moines, IA | Apr 2022 - Apr 2023
Drake University | Des Moines, IA | Aug 2014 - May 2018
Iowa State University (sabbatical) | Ames, IA | Aug 2013 - Dec 2013
- Provide individual instruction to students in vocal technique and artistry
- Outline and enforce studio expectations; assess performance and submit grades (where applicable)

Education

Certificate in Full-Stack Web Development
Northwestern University Coding Boot Camp | December 2023

Doctor of Musical Arts | University of Nebraska-Lincoln | May 2012
Doctoral document: Performing Editions of Handel Cantatas - DigitalCommons

Master of Music | University of Nebraska-Lincoln | May 2009

Bachelor of Music | Iowa State University | May 2006