

# Sean Watson, Full-Stack Software Engineer

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I'm a software engineer working with Python, Django, and the MERN stack. My previous career was in the arts and education: I danced professionally in Denver, Chicago, Milwaukee and for Royal Caribbean Cruises. I'm taking the creativity and discipline I've honed over my career and am applying them to my new field.

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## SKILLS

**Languages** | JavaScript, HTML, CSS, Python, Sass

**Libraries and Frameworks** | React, Node.js, Express.js, jQuery, Bootstrap, Django, MaterializeCSS

**Database** | PostgreSQL, MongoDB, Mongoose

**Other** | RESTful Routing JSON

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## PROJECTS

**Class Booker Pro** | [GitHub](#) | [App](#) | A dance class registration app is designed to manage a school's enrollment

Python, Django, PostgreSQL, HTML, AWS Photo Services, Bootstrap, and CSS (Deployed on Heroku)

- App allows for CRUD functionality across several student/class relational data fields as students are enrolled
- Designed user interface allows for easy navigation to access and manage all class and student data

**RuPaul's Drag Race Queen Collector** | [GitHub](#) | [App](#) | A database for fans of the show to add details about their favorite Queens

Python, Django, PostgreSQL, HTML, AWS Photo Services, MaterializeCSS, and CSS (Deployed on Heroku)

- Utilized Django's login authorization functionality to allow registered users to use all CRUD functionality on the app
- Applied styling reminiscent of the show's themes to engage fans

**Dungeons & Dragons (2e) Spellbook** | [GitHub](#) | [App](#) | Spells database app build for use in the popular RPG game

NodeJS, Express, JavaScript, EJS, CSS, MongoDB and Mongoose (Deployed on Heroku)

- Styled to look like a book imbued with magic, complete with full CRUD functionality on the database
- Highlighted database descriptions via several server-side routes and using EJS templating

**Buck-T- li>** | [GitHub](#) | [App](#) | An app to track all destinations and activities of your "bucket list"

React, Express, NodeJS, JavaScript, JSX, CSS, MongoDB and Mongoose (Deployed on Netlify and Heroku)

- Led the group as Project Manager, running meetings and ensuring that all team members met project deadlines
- Built front-end functionality using React and implemented Google Firebase user authentication

**Sphinx Mythical Trivia Test** | [GitHub](#) | [App](#) | Trivia game with tiered difficulty using API trivia questions

JavaScript, jQuery, HTML, CSS (Deployed on Netlify)

- Created theme environment of ancient ruins using CSS styling and custom artwork to set a mythological scene
  - Designed an interface in JavaScript to display API trivia data using DOM manipulation and provide feedback from the Sphinx
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## PROFESSIONAL EXPERIENCE

**Director of Conservatory Operations** | **Colorado Conservatory of Dance** | **Broomfield, CO**

(01/2021)-(07/2022)

- Supervised and trained a staff of 6 administrators and 15 faculty members
- Initiated improvements to operations, resulting in a 50% decrease in administrative expenditures in under 6 months
- Managed return from an online model to a hybrid-model during the COVID-19 pandemic

**Licensed Massage Therapist** | **Laniwai Spa, a Disney Spa** | **Ko 'Olina, HI**

(11/2016)-(12/2020)

- Analyzed client needs providing a wide variety of services to over 25 clients per week in a fast-paced environment
  - Trained incoming employees on customer need analysis and detail-oriented presentation
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## EDUCATION

**Software Engineering Immersive** | **General Assembly** | **(Remote) Denver, CO**

(07/2022)

Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.

**Massage Therapist Certification** | **Boulder College of Massage Therapy** | **Boulder, CO**

(10/2013)

**Bachelor of Fine Arts in Dance, cum laude** | **Cornish College of the Arts** | **Seattle, WA**

(05/2004)