

# BRANDON SCHUMACHER

CHEYENNE, WY | 307-421-0465 | [btschu@icloud.com](mailto:btschu@icloud.com)

[LinkedIn](#) | [GitHub](#) | [Portfolio Website](#)

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## FULL STACK DEVELOPER

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Software Engineer with 15 successful years of experience teaching band programs at a highly competitive level. Committed to team success using great communication and technical skills. I am not afraid to wear many "hats" and fill in where needed and will "figure it out" to solve problems to achieve desired results.

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## TECHNICAL SKILLS

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React  
Python  
Flask

MySQL  
HTML  
CSS  
JavaScript

GitHub  
Canva  
Bootstrap

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## TECHNICAL PROJECTS

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### Band Database - [GitHub](#) | [Project URL](#)

Secure application used to maintain student information such as financial accounts, instrument rentals, and uniforms.

Technologies: HTML, CSS, JavaScript, Python, Flask, MySQL, AWS, JQuery, Flask-Bcrypt, and Bootstrap

- Utilized Flask-Bcrypt for secure user access
- Utilized Bootstrap and Media Queries to make the application responsive
- Deployed application using AWS (click on Demo to see this application in action)
- Implemented Datatables to allow easy sorting, searching and exporting of the data
- Implemented full CRUD capability

### Band Camp - [GitHub](#) | [Project URL](#)

An application to give information and accept payments..

Technologies: HTML, CSS, JavaScript, API, Bootstrap

- Integrated the Stripe API to accept online payments

### Weather Application - [GitHub](#) | [Project URL](#) (please note: searching will not work in demo since app is not deployed)

An application used to check the current weather conditions.

Technologies: HTML, CSS, JavaScript, API, AJAX, JQuery

- Integrated weather API to display current weather conditions at a searched location

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## EXPERIENCE

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### EdX, Remote

Full-Stack Instructional Specialist: 02/2023 - Present

- Assist lead instructor with course module objectives and class content
- Mentor, encourage and support students with their activities, assignments, and projects

### Freelance Software Engineer/Developer, Remote

Software Engineer: 07/2022 - Present

- Designed, developed, and maintained sites for newer businesses

### Laramie County School District #1, Cheyenne, WY

Teacher: 08/2008 - Present

- Designed and taught curriculum for grades 7-12 as a Band Director, Percussion Instructor, and Guitar Instructor.
- Mentored 2 student teachers
- Instructed 150 students annually in three different subjects
- Increased student enrollment by 100% since taking over as head director at Johnson Junior High School

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## EDUCATION

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### Coding Dojo, Remote

Full Stack Software Engineering Certificate: 06/2022

### University of Wyoming, Laramie, WY

Bachelor of Arts & Science in Music Education: 05/2008