BRANDON SCHUMACHER

CHEYENNE, WY | 307-421-0465 | btschu@icloud.com

LinkedIn | GitHub | Portfolio Website

FULL STACK DEVELOPER

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.

TECHNICAL SKILLS

React	MySQL	GitHub
Python	HTML	Canva
Flask	CSS	Bootstrap
JavaScript	SCSS	VS Code

TECHNICAL PROJECTS

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

2U | 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

Coding Dojo, Remote
Full Stack Software Engineering Certificate: 06/2022

University of Wyoming, Laramie, WY
Bachelor of Arts & Science in Music Education: 05/2008