BRANDON SCHUMACHER

LinkedIn | GitHub | Portfolio Website

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FULL STACK DEVELOPER

I'm a detail-oriented full-stack developer with strong problem-solving skills and self-motivation. I specialize in building high-quality web applications with clean, efficient, and maintainable code. In my free time, I enjoy playing drums, golfing, traveling, and spending time with my family.

TECHNICAL SKILLS

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

TECHNICAL PROJECTS

Band Database - GitHub | Project URL
- Developed a secure web application for managing student data, including financial accounts, instrument rentals, and uniforms
- Leveraged a range of technologies, including HTML, CSS, JavaScript, Python, Flask, MySQL, AWS, Flask-Bcrypt, and Bootstrap
- Implemented secure user access using Flask-Bcrypt
- Developed a responsive application using Bootstrap and Media Queries
- Successfully deployed application on AWS
- Enabled easy data sorting, searching and exporting through implementation of Datatables
- Developed full CRUD functionality

Band Camp - GitHub | Project URL
- Eveloped a web application that displays a list of events and announcements
- Utilized Stripe to handle payment processing for the event
- Implemented a simple and intuitive interface for easy navigation and access to important information
- Incorporated responsive design to ensure optimal user experience across all devices
- Leveraged a range of technologied, including HTML, CSS, JavaScript, and Bootstrap

Weather Application - GitHub | Project URL (please note: searching will not work in demo since app is not deployed)
- Developed a web application that provides current weather conditions based on users search query
- Utilized HTML, CSS, and JavaScript to create an intuitive and user-friendly interface
- Integrated an API to retrieve up-to-date weather data
- Enabled search functionality to allow users to easily look up weather conditions in specific locations
- Leveraged responsive design principles to optimize the application for use on all devices, including desktops, tablets, and smartphones

To view more of my projects, please visit my portfolio site at https://btschu.com

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
- Boosted student enrollment by 100% in the role of head director at Johnson Junior High School

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