Sarah Bartley

sbartley1080@gmail.com ● britishpandachick.github.io ● linkedin.com/in/sarahbartleydye ● github.com/BritishPandaChick

Versatile full-stack developer & technical educator with a passion for building scalable web applications and demystifying complex code. Proficient in JavaScript and Python, I combine clean-code engineering with user-centric design to create seamless digital experiences. With a proven background in teaching and technical blogging, I excel at translating high-level technical requirements into digestible content for both students and stakeholders.

Skills

Languages: JavaScript, Python, Ruby, PHP, HTML, CSS
Frameworks & Libraries: React, Node.js, Bootstrap, Bulma, jQuery
Tools & Platforms: Git, GitHub, WordPress, Command Line, Adobe Creative Suite
Other: Responsive Web Design, UX Design, Web Accessibility

Relevant Experience

Online Coding Instructor, Coding with Kids, Remote, Dec 2022 - Mar 2026

- Coding with Kids is an online coding academy that teaches kids programming concepts and how to code games. (https://www.codingwithkids.com).
- Improve students' understanding and application of coding skills by providing live and asynchronous instruction in Python, facilitating instruction through Zoom, Scratch, and Codesters, and maintaining high levels of student engagement and participation.
- Provide individualized support through hosting weekly office hours, ensuring students master core concepts and complete projects using Python.
- Motivated students to continue coding by writing weekly email newsletters to parents, hosting monthly demo nights, and submitting progress reports at the end of each session.

Speaker, Code & Coffee Conference, Apr 2025

- Designed and presented the lightning talk *Pitch to the Strike Zone: How Design Skills Can Bring an Accessible Web to Life*.

Full-stack Developer, Sarah Bartley, Canton, OH, Aug 2015 - Sept 2023

- Redesigned two WordPress websites under budget by editing existing WordPress themes, creating custom page templates, and refactoring code to improve website features.
- Improved freeCodeCamp open-source programming guide by writing, editing, and submitting 3 articles about visual design.
- Overhauled front-end web developer productivity by collaborating with three developers on the Grow with Google 2018 front-end web development resources guide.
- Designed, developed, and maintained responsive web applications using JavaScript, React, Node.js, Express, and MongoDB, delivering scalable and performant solutions.
- Developed intuitive UI/UX designs with HTML, CSS, Sass, and modern JavaScript frameworks, ensuring cross-browser compatibility and mobile optimization.
- Optimized application performance through code refactoring and front-end performance tuning, reducing loading times by 5%.

Moderator, Elphas Can Code, Sept 2019 - Mar 2022

- Founded Elphas Can Code online community on Elpha (https://elpha.com). Elphas Can Code was an online community where all women learning to code could talk and support each other as they learned tech skills.
- Grew Elphas Can Code online community by 10% by reviewing community posts, enforcing community guidelines, and facilitating conversation topics for all members to participate.

Education

University of Akron - Master's Degree
Otterbein University - Bachelor's Degree

Certifications
freeCodeCamp - Responsive Web Design, JavaScript Algorithms & Data Structures
Skillcrush - Web Design, WordPress Development