

Kyle Butler

Frontend Engineer

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PROFILE

Frontend Engineer with a strong background in web development and UI design. Experienced in building modern, scalable applications from the ground up, with a focus on clean architecture, user experience, and performance. Adept at bridging design and engineering to deliver polished, production-ready interfaces using modern JavaScript and web standards.

EXPERIENCE

Johns Hopkins University — Frontend Engineer

June 2023 – Present | Baltimore, MD (Remote)

- Designed and developed three full-scale web applications using Alpine.js, custom web components, and modern CSS to modernize internal systems.
- **Course Groups Module:** Enabled faculty to create course-based student/TA groups, accessible via API by other institutional apps to unify data and workflows.
- **Peer Assessments Module:** Built a peer review system allowing students to evaluate each other using rubrics, streamlining grading and feedback loops.
- **Signup Sheets Module:** Developed a flexible scheduling tool for office hours and presentations, giving faculty and students intuitive time-slot management.
- Collaborated cross-functionally with backend teams and UX stakeholders to align on performance goals and ensure accessibility compliance.

Web Undefined — Web Designer / Developer (Owner)

2021 – Present

- Built and deployed websites for small businesses, handling full lifecycle development from design to launch.
- Utilized HTML, CSS, JavaScript, jQuery, SASS, Bootstrap, AWS Amplify, and WordPress to deliver responsive, visually appealing sites.
- Managed client relationships and maintained long-term support and updates.

Scientific Games — Software Engineer

2017 – 2021

- Developed and maintained client-facing web reports using Java, SQL, and Jasper Reports, improving data clarity and runtime efficiency.
- Refactored SQL queries to significantly enhance performance across multiple production applications.
- Collaborated within agile teams to resolve complex bugs and ensure software stability.

EDUCATION

Rhode Island College — B.A. in Computer Science (2012 – 2017)

SKILLS

Frontend: HTML, CSS, JavaScript, Alpine.js, Angular, jQuery, Web Components, Bootstrap, TailwindCSS

Backend/Other: SQL, AWS Amplify, WordPress

Tools: Git, Figma, VS Code, REST APIs, SSMS