Brendan Carlson

Full-Stack Developer | Educator

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, PHP, HTML, (S)CSS, Golang
Frameworks: React.js, Next.js, Angular, Express, Flask, WordPress, TailwindCSS
Database Systems: PostgreSQL, Supabase, MySQL, SQLite
Tools: Git/GitHub, Postman, Figma

SOFTWARE DEVELOPMENT PROJECTS

CodeJourney *(Full-Stack Web Application)*
- Designed a gamified Learning Management System for novice programmers, offering clear paths to career readiness in full-stack or front-end web development
- Developed a coding challenge platform with a custom real-time collaborative code editor, enabling peer support for technical problem-solving
- Implemented subscription service via Stripe, giving users access to premium resources and live interaction with industry-experienced developers

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EXPERIENCE

Coding Temple / Instructor *(Remote)*   1/2023 - 11/2023
- Developed and co-taught a 12-week full-stack web development curriculum, providing students with foundational knowledge in Python, HTML, CSS, SQL, JavaScript, TypeScript, and React.js
- Conducted interactive lectures and lab sessions, answering students' questions and providing feedback on their projects and assignments
- Mentored students on a one-on-one basis, guiding them through challenging coding concepts and providing personalized support
- Collaborated with fellow instructors to ensure a cohesive learning experience for students

Coding Temple / Developer *(Remote)*   9/2022 - 11/2023
- Developed and maintained the redesigned company website utilizing PHP and WordPress
- Collaborated with the marketing team to design a custom responsive WordPress theme and plugins, utilizing Figma and SCSS, in alignment with the company's branding objectives
- Integrated third-party API, including payment gateways, social media platforms, scheduling platforms, and analytics tools to enhance functionality
- Enhanced the website's performance, achieving a 20% reduction in initial loading times, and significantly improved accessibility metrics
- Maintained version control through Git and implemented CI/CD pipeline

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EDUCATION

Abilene Christian University / B.S. in Psychology *(Abilene, TX)*   5/2021