

# 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

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## 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