

RACHAEL GILG

WEB DEVELOPER AND PROJECT MANAGER

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PROFILE

Web developer and project manager with 20 years of experience leading cross-functional teams to build and modernize websites and information systems for education, libraries/archives, nonprofits, and small business clients. MS in Information Studies with a focus on information architecture, user-centered design, and digital accessibility. Hands-on development expertise in web technologies (HTML / CSS / JavaScript / PHP), relational database design, and customization of WordPress and other CMS/LMS platforms.

SKILLS

Areas of Experience:

Responsive Web Design, Relational Database Design, User-Centered Design, Agile Methods, Accessibility (WCAG 2.1), Requirements and Needs Analysis, E-learning, Data Migration, Digital Archives, API Integrations, Information Architecture, Open Source, Usability Testing, Web Analytics, Technical Writing, Troubleshooting / Debugging, AI Prompt Engineering

Technologies and Applications:

HTML, CSS, PHP, SQL, Unix/Linux, Javascript, Git, XML, Bootstrap, WordPress, Drupal, Canvas, Archon, Omeka, AirTable, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Adobe Premiere, Final Cut Pro

EXPERIENCE

Freelance Web Developer Self-Employed

Jul 2015 - Present

Design, develop, evaluate, and maintain custom websites and applications. Sample recent projects:

- WordPress website redesign and custom theme development for a large membership organization, including a new member directory, resource library, and usability/accessibility improvements.
- Custom Airtable application (databases, forms, views, interfaces) for a general contracting company to track projects and proposals.
- Oral history exhibit on the Omeka platform, with integrated Oral History Metadata Synchronizer tool to provide transcript search functionality for researchers.

Web Designer and Project Manager

Feb 2024 - Jun 2026

Center for Open Educational Resources and Language Learning | The University of Texas at Austin

Managed all aspects of the design, development, and maintenance of educational websites visited annually by 1.5 million unique users.

- Developed and maintained project management systems to track projects and provide reports to stakeholders.
- Created documentation and user manuals, and trained faculty content developers on best practices and legal requirements for publishing digital learning materials.
- Led the adoption of the PressBooks publishing platform: established new content development workflows and developed AI-powered automations to migrate over 2,000 pages from WordPress, Canvas, Drupal, and Google Docs to the new platform.
- Interpreted analytics data and performed technical audits to establish a sustainability plan that preserved public access to 60+ aging websites.

Archives Technology Consultant
The Archives of the Episcopal Church USA

Jun 2005 - Apr 2026

Evaluated, customized, and implemented archives technologies, including developing websites and applications to provide access to archival metadata and digital media collections (Drupal, WordPress, Omeka, Archon, AtoM, and custom PHP).

Projects Manager and Web Architect

Dec 2010 - Jul 2015

Center for Open Educational Resources and Language Learning | The University of Texas at Austin

Initiated, developed, and launched innovative educational technology and research projects funded by \$1.4 million in grants from the U.S. Department of Education and other organizations.

- Led cross-functional teams on web development projects (Drupal, WordPress, and custom PHP).
- Planned and coordinated interdisciplinary and multi-institutional collaborations among educators, researchers, and staff across institutions and academic units.
- Implemented systems and processes to track projects, events, outreach activities, and adoption of outcomes for grant reporting and program oversight.

Interactive Developer

Oct 2008 - May 2010

Texas Language Technology Center | The University of Texas at Austin

Managed and developed online professional development modules with 12 faculty SMEs, including workflow development and scheduling, audio/video production and editing, website coding (HTML/CSS/PHP/Javascript), usability testing, and stakeholder communication and presentations.

Web Services Manager

Aug 2006 - Feb 2008

Information Technology Services, The University of Texas at Austin

Developed and maintained websites for UT's central IT department, provided strategic direction for departmental web services, ensured that websites met all targeted quality and accessibility standards, and supervised technical staff.

EDUCATION

Master of Science, Information Studies

May 2005

School of Information, The University of Texas at Austin

- Capstone project: designed and developed an accessible, interactive, e-learning website for the Texas School for the Blind and Visually Impaired.

Bachelor of Arts, English and Anthropology

May 1997

Rice University | Houston, Texas