

RACHAEL GILG

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PROFILE

Versatile web professional with 20+ years of experience designing, developing, evaluating, optimizing, and managing websites and information systems for post-secondary education, libraries/archives, small businesses, and not-for-profits.

- Collaborative digital project manager who has coordinated cross-functional teams on 80+ projects.
- Expertise in information architecture and user-centred design methodologies.
- Skilled coder (HTML, CSS, JavaScript, PHP) and developer of custom WordPress themes and plugins.
- Creative producer of audio and video content for online delivery.
- Committed to standards and best practices for website performance, security, privacy, and accessibility.

SKILLS

Areas of Experience:

Responsive Web Design, Relational Database Design, 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, Project Management, UX Design, Team Leadership

Technologies and Applications:

HTML, CSS, PHP, SQL, Unix/Linux, Javascript, Git, XML, Bootstrap, WordPress, Drupal, Archon, Omeka, AirTable, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Adobe Premiere, Canva, Microsoft Office, H5P, Instructure Canvas, Audacity

EXPERIENCE

Web Development and Digital Operations Consultant Self-employed

Jul 2015 - Present

Design, develop, evaluate, optimize, and maintain websites and applications for clients in education, libraries/archives, membership organizations, community non-profits, and small businesses.

- Launched 40+ custom websites and data management systems built with WordPress, Drupal, Omeka, Archon, AtoM, and Airtable.
- Increased organizational efficiency by matching needs and resources to platforms for member/donor management, e-commerce, digital marketing, and project management.
- Managed risk by ensuring website security, digital accessibility compliance, and online privacy.

Web Designer

Feb 2024 - Jun 2026

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

Designed, developed, and maintained educational websites used by 1.5 million unique users annually. Supported faculty content developers with expertise in best practices and legal requirements for publishing digital learning materials.

- Established and implemented a sustainability plan that preserved public access to 60+ aging websites that were at risk of being removed from University servers.

- Streamlined design of 25+ WordPress sites to remove technical debt while ensuring up-to-date architecture for security and best practices.
- Developed AI-powered automations to migrate 2,000+ website pages to a new platform, cutting migration timeline from months to weeks.
- Nominated by faculty for the 2026 President's Outstanding Staff Award.

Projects Manager and Web Architect Dec 2010 - Jul 2015
Center for Open Educational Resources and Language Learning | The University of Texas at Austin

Developed educational technology and coordinated cross-functional project teams at a National Foreign Language Resource Center (LRC) funded by \$1.4 million in grants from the U.S. Department of Education and other organizations.

- Initiated, developed, launched, promoted, and maintained 30+ educational technology projects.
- Created systems and processes to track projects, events, outreach activities, and outcomes for grant reporting and program oversight.
- Delivered 20+ presentations and professional development workshops, including "An Open Video Archive for Language Learning", winner of the Henderson Plenary Award at IALLT 2013.

Interactive Developer Oct 2008 - May 2010
Texas Language Technology Center | The University of Texas at Austin

Managed the development of 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.

Website Manager, Information Technology Services Aug 2006 - Feb 2008
The University of Texas at Austin

Developed and maintained websites, provided strategic direction for departmental web services, ensured websites met all targeted quality and accessibility standards, and supervised technical staff.

- Redesigned and relaunched the Information Technology Services (ITS) departmental website, migrating from static HTML to a dynamic Content Management System

EDUCATION

Certificates, Instructional Design and Technology 2021
University System of Maryland

Courses: Learning Theories, Instructional Design Models, and Instructional Technology.

Master of Science, Information Studies 2005
School of Information, The University of Texas at Austin

Bachelor of Arts, English and Anthropology 1997
Rice University | Houston, Texas

VOLUNTEER EXPERIENCE

Website Developer and Manager Jul 2007 - Present
African Mothers Health Initiative / Joyful Motherhood

Library Assistant Aug 2023 - May 2024
Russell Lee Elementary

Volunteer School Librarian Aug 2022 - May 2023
AHB Community School