Kimberly Griggs

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Results-driven software engineer with 18+ years of experience successfully designing, developing, and delivering innovative web applications. Proven leader of high-performing teams, consistently exceeding stakeholder expectations by delivering projects on time, within budget, and exceeding technical requirements. Expertise spans a wide range of technologies, including front-end and back-end development, databases, frameworks, and content management systems.

TECHNICAL SKILLS

- **Front-End Development**: HTML, CSS, SASS, Bootstrap, Tailwind, JavaScript, jQuery, Livewire, AlpineJS
- **Back-End Development:** PHP, Laravel, ZEND, Ruby on Rails, MySQL, Database Design
- **Frameworks & CMS:** Drupal 7 -10, WordPress, FilamentPHP
- **Software Development:** Coding Standards, Git, Project Management, Analytical Skills, Code Reviews, Code Documentation, Technical Requirements, CI & QA Testing
- **Interface Design:** Responsive Web Design, W3C Accessibility (Section 508), Design System Components, Graphic Design, UX, Usability Testing, SEO, Figma, Adobe Creative Tools

EDUCATION

University of Oregon, Oregon

- *Master of Science*, Software Engineering & Human-Computer Interaction, 2004-06
- *Bachelor of Science*, Computer and Information Science, Minor in Mathematics, 2000-04

EXPERIENCE

University of Oregon College of Education: Senior Research Assistant I, 2011-Present

- Successfully led the development and delivery of 12+ complex Drupal and LAMP stack projects for diverse clients, exceeding expectations by consistently meeting deadlines, adhering to budgets, and ensuring high-quality deliverables.
- Effectively managed and mentored a team of junior developers and student workers, fostering a collaborative environment and streamlining workflows through efficient code reviews, clear communication, and robust project management methodologies.
- Spearheaded the complete redesign and rewrite of the Oregon Screening Project, resulting in a significantly improved user experience, streamlined information architecture, enhanced editing capabilities, optimized content workflows, and a substantial increase in user satisfaction.
- Collaborated closely with stakeholders to gather and refine project requirements, define project scopes, and deliver user-friendly solutions that effectively address complex technical challenges and meet the unique needs of each client.

- Championed accessibility best practices throughout all projects, conducting thorough Section 508 testing, developing comprehensive training materials, and actively promoting accessibility awareness among team members and stakeholders.

Oregon State University Libraries: Programmer Analyst II, 2007-11

- Drove the development and implementation of 4+ innovative Ruby on Rails-based library services, including a cutting-edge mobile Library Catalog search tool and an open-source Content Management System, positioning the library as a leader in technology adoption.
- Championed a user-centered design approach, conducting thorough user testing to gather valuable insights, iteratively refine web interfaces, and enhance the overall user experience, leading to increased user adoption and satisfaction.
- Promoted a culture of innovation within the library, actively researching emerging technologies, publishing peer-reviewed findings at relevant conferences, and sharing knowledge with colleagues to foster continuous learning and growth.

NIKE: Application Developer, 2005-06

- Contributed to the development of a B2B sales tool, leveraging Java and the Spring Framework to accelerate campaign launches and personalize customer interactions, resulting in improved sales performance and enhanced customer relationships.
- Played a key role in ensuring code quality and project adherence to timelines, actively participating in code reviews and contributing to the overall project management process.
- Championed the integration of user testing methodologies into the project development cycle, emphasizing the importance of user feedback in improving product design and functionality.

RECENT PROJECTS

- Oregon Screening Project: https://osp.uoregon.edu. Role: Lead Developer
- Center on Teaching and Learning: https://ctl.uoregon.edu. Role: Lead Developer
- CTL Marketplace: https://ctlmarketplace.uoregon.edu. Role: Lead Developer
- DIBELS 8th Edition: https://dibels.uoregon.edu. Role: Lead Developer

REFERENCES

Current Supervisor: Leslie Stephenson, lgsull@uoregon.edu
Current Project Manager: Kimberly Murphy, kamurphy@uoregon.edu
Former Project Manager: Jessica Turtura, jhorwitz@uoregon.edu