Web Application Developer
(Job Number: 89348BR)

Campus Location	West
Department Name	Mary Lou Fulton Teachers College
Full-Time/Part-Time	Full-time
Grant Funded Position	This is not a grant-funded position and is not contingent on future grant funding
Salary	$59,450 - $82,000 per year; DOE
Close Date	March 27, 2023
Job Description	Mary Lou Fulton Teachers College seeks a Web Application Developer to join a dynamic team working at the forefront of digital learning. In this role, the Web Application Developer will work closely with team members and stakeholders to design and develop database-driven applications using no-code/low-code tools (e.g., Airtable, Softr). A successful candidate will be excited to play a critical role in building and maintaining reliable internal tools that support the team's core learning and business operations, serving as a driving force for the focus and success of our team. Above all, this person will be eager to engage with colleagues to advance our team's work as an individual contributor and team collaborator. ASU and MLFTC are focused on the design and scalable delivery of digital teaching and learning models to increase student success and reduce barriers to achievement in higher education. Our high-quality learning experiences support the education of the local, national, and international communities served by ASU.
Essential Duties	- Participate as a leader and team member in a wide variety of projects to develop and continually improve systems, workflows, processes and procedures through development of applications for non-technical users via no-code/low-code (e.g., Airtable, Softr) solutions. - Work closely and collaboratively with end users to gather requirements, identify needs, design and prototype solutions using no-code/low-code tools (e.g., Airtable, Softr), and move to implementation. - Develop data-driven web pages, interfaces, forms, and other applications to enhance and support the core business operations and creative outputs of the team. - Create, maintain and continuously improve the low-code database backend (e.g., Airtable) for applications. - Import data from university dashboards on established schedule; Coordinate with data analysts to improve and expand data imports as needed. - Troubleshoot and resolve system errors (web front-end, interfaces, automations, base connections, etc.); Address system design as appropriate. - Create and maintain Airtable data dictionary, documentation, and training materials for developed applications. - Proactively identify, develop and deploy solutions to improve effectiveness of technology-delivered materials/information. - Gather feedback from users as they use applications, studying metrics to identify problems and opportunities.

	• Remain abreast of emerging no-code/low-code technology directions, initiatives and trends to provide and apply ideas, guidance and recommendations. • Effectively communicate complex, conceptual and technical concepts to a variety of audiences, troubleshoot errors and facilitate timely resolution, and provide support for team members on the applications developed.
Minimum Qualifications	Bachelor's degree in Information Technology, Computer Science or closely related field AND 3 years web and database experience which includes creating and updating table structures and views as well as CSS development; OR, Any equivalent combination of experience and/or education from which comparable knowledge, skills and abilities have been achieved.
Desired Qualifications	• Experience with no-code/low-code database solutions (e.g., Smartsheets, Airtable, Notion, Salesforce). • Experience building user-facing applications with low-code/no-code platforms (e.g., Airtable Interfaces, Bubble, Webflow, Softr) to meet client needs. • Experience developing and improving business processes, systems, and strategies with the goal of optimizing an organization's operations and value to stakeholders. • Experience working as a member of a team and across teams to gather requirements, identify needs, design, and prototype solutions, and move to implementation. • Demonstrated basic knowledge of SQL, HTML, CSS, JavaScript, and APIs.
Working Environment	Activities are primarily performed in a regular, climate-controlled office setting subject to extended periods of sitting, standing, walking; visual acuity and manual dexterity associated with daily use of desktop computer; bending, stooping, reaching and lifting up to 20 pounds; ability to clearly communicate verbally in English, read, write, see, and hear to perform essential duties; regular review of completed tasks. ASU is a diverse enterprise with a wide variety of work and learning modes, locations and a commitment to sustainability, innovation and employee work-life balance. We are determined to maintain our position as an employer of choice in a competitive labor market. **Flexible work options** • **Alternative work schedules** can include four, 10-hour workdays in a workweek; a nine-day, 80-hour schedule over two workweeks for exempt employees only; and staggered start and stop times. • **Hybrid work** is an arrangement where employees spend a minimum of 60% of their regular workweek at their primary ASU work location. Dean or vice president-level approval is required.
Department Statement	ASU's Mary Lou Fulton Teachers College creates knowledge, mobilizes people, and takes action to improve education. Nationally recognized as a leader in teacher preparation, leadership development and scholarly research, Mary Lou Fulton Teachers College prepares over 7,600 educators annually. MLFTC faculty create knowledge by drawing from a wide range of academic disciplines to gain insight into important questions about the process of learning, the practice of teaching and the effects of education policy. MLFTC mobilizes people through bachelor's, master's and doctoral degree programs, through non-degree professional development programs and through socially embedded, multilateral community engagement. MLFTC takes action by bringing people and ideas together to increase the capabilities

	of individual educators and the performance of education systems.
	Aligned with ASU's commitment to justice, equity, diversity and inclusion, MLFTC is committed to advancing systemic equity in our curricula, programming and institutional relationships. The college's core value of Principled Innovation connects individual decision making to the pursuit of systemic equity.
ASU Statement	Arizona State University is a new model for American higher education, an unprecedented combination of academic excellence, entrepreneurial energy and broad access. This New American University is a single, unified institution comprising four differentiated campuses positively impacting the economic, social, cultural and environmental health of the communities it serves. Its research is inspired by real world application blurring the boundaries that traditionally separate academic disciplines. ASU serves more than 80,000 students in metropolitan Phoenix, Arizona, the nation's fifth largest city. ASU champions intellectual and cultural diversity, and welcomes students from all fifty states and more than one hundred nations across the globe.
	ASU is a tobacco-free university. For details visit https://wellness.asu.edu/explore-wellness/body/alcohol-and-drugs/tobacco
	Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law.
	Notice of Availability of the ASU Annual Security and Fire Safety Report In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU's Annual Security and Fire Safety Report is available online at https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf. You may request a hard copy of the report by contacting the ASU Police Department at 480-965-3456.
	Relocation Assistance – For information about schools, housing child resources, neighborhoods, hospitals, community events, and taxes, visit https://cfo.asu.edu/az-resources.
Employment Verification	ASU conducts pre-employment screening which may include verification of work history, academic credentials, licenses, and certifications.
Fingerprint Check Statement	This position is considered safety/security sensitive and will include a fingerprint check. Employment is contingent upon successful passing of the fingerprint check.
Instructions to Apply	Application deadline is 3:00PM Arizona time on the date indicated.
	Please include all employment information in month/year format (e.g., 6/88 to 8/94), job title, job duties and name of employer for each position.
	Resume should clearly illustrate how prior knowledge and experience meets the Minimum and Desired qualifications of this position.
	ASU does not pay for travel expenses associated with interviews, unless otherwise indicated.
	Only electronic applications are accepted for this position. #89348BR