

## UW HEALTH JOB DESCRIPTION

Senior Low Code Developer			
Job Code: 340046	FLSA Status: Exempt	Mgt. Approval: B. Larkworthy	Date: May 2023
Department: Information Services		HR Approval: M. Grayson	Date: May 2023
JOB SUMMARY			
<p>The Senior Low Code Developer leads the design, development, and implementation of applications using approved low code and automation platforms. The Senior Low Code Developer is critical in assessing use cases and creating applications and process automation solutions that streamline business processes and increase efficiency. As a technical lead of a cross-functional team, the Senior Low Code Developer works collaboratively with various stakeholders such as front-line clinical staff, information systems, and other business stakeholders to proactively seek out and identify opportunities where low code and automation platforms can be used to both improve existing and create new processes.</p> <p>The Senior Low Code Developer is responsible for the entire software development life cycle (SDLC), including design, development, testing, and deployment, in alignment with established organizational software engineering practices. The Senior leads the design of complex automation solutions that may involve enterprise systems. The Senior Low Code Developer is responsible for processes to ensure that all applications meet the high-quality standards necessary to support healthcare delivery. This includes adhering to regulatory requirements, ensuring that applications are secure and reliable, and developing solutions that are easy to use and maintain.</p> <p>The Senior Low Code Developer is a technical expert at UW Health who plays a critical role designing, creating, and implementing applications and processes that streamline business processes and increase efficiency. The Senior defines and leads the technical work necessary for the high-quality delivery of these solutions across domains, projects, and initiatives. The Senior Low Code Developer partners with end-users throughout the organization to ensure that the solutions meet the needs of end-users and deliver the desired business value.</p>			
MAJOR RESPONSIBILITIES			
<ul style="list-style-type: none"> <li>Partner with business users, application analysts, product leadership, software engineers, and other stakeholders to assess suitability and technical feasibility of low code applications and automation processes to a given problem.</li> <li>Design robust and scalable automation architectures that can handle complex automation scenarios such as integrating across multiple enterprise systems.</li> <li>Develop and use best practices to develop, test, and deploy high-quality applications and automated processes using low code tools and frameworks.</li> <li>Lead the application and process design and code reviews, ensuring code quality and adherence to coding standards.</li> <li>Lead and own specific team-wide processes or standards.</li> <li>Create and follow documentation standards for all applications and automated processes, such as process maps, flow charts, process definition documents (PDD), and solution design documents (SDD).</li> <li>Participate in the creation of organizational application design and development standards.</li> <li>Utilize and participate in the creation of organizational quality control measures such as code reviews, automated and manual testing, and debugging procedures.</li> <li>Evaluate and leverage appropriate interoperability technologies, such as application programming interfaces (APIs), web services, robotic process automation (RPA), and database integration for specific applications or processes.</li> <li>Lead the development and planning for new and existing applications or processes that are medium to large scale.</li> <li>Training users on both new and existing functionality.</li> <li>Participate in and lead department-wide work groups.</li> <li>Formally mentor other staff in process design and automation.</li> <li>Troubleshoot and resolve issues with existing low code applications and automated processes and provide ongoing support.</li> <li>Participate in a 24x7x365 on-call rotation to support applications, promptly responding to incident notifications, and escalating them when necessary.</li> </ul>			
<b>ALL DUTIES AND REQUIREMENTS MUST BE PERFORMED CONSISTENT WITH THE UW HEALTH PERFORMANCE STANDARDS.</b>			
JOB REQUIREMENTS			
Education	Minimum	Bachelor's degree in Information Systems, Computer Science, or related field Four (4) years of relevant experience may be considered in lieu of degree	
	Preferred	Master's degree in Information Systems, Computer Science, or related field	
Work Experience	Minimum	<ul style="list-style-type: none"> <li>Demonstrated success leading the development of applications and automated processes using low code and automation development platforms including design, development, testing, and release</li> <li>Demonstrated success utilizing professional software engineering practices such as coding standards, code reviews, and source control management</li> </ul>	

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		<ul style="list-style-type: none"> <li>• Demonstrated success consuming web services within low code applications and automation solutions</li> <li>• Demonstrated success managing and executing large scale projects</li> <li>• Demonstrated success teaching and mentoring</li> </ul>
	Preferred	<ul style="list-style-type: none"> <li>• Six (6) years of experience developing applications and automated processes using low code and automation development platforms including design, development, testing, and release</li> <li>• Experience designing and using continuous integration and continuous delivery (CI/CD)</li> <li>• Experience using Microsoft Azure or other cloud platform services</li> <li>• Experience within the healthcare industry</li> <li>• Experience developing, deploying, and supporting applications in a 24x7x365 environment</li> </ul>
Licenses & Certifications	Minimum	None
	Preferred	<ul style="list-style-type: none"> <li>• UiPath Certified Professional, or related certifications</li> <li>• ServiceNow App Engine Studio, or related certifications</li> <li>• Microsoft Azure Administrator, Developer, or related certifications</li> <li>• Professional Scrum Master, Developer, or related certifications</li> <li>• ITIL Foundation or related certifications</li> </ul>
Required Skills, Knowledge, and Abilities		<p><u>Information Services (IS) Core Competencies:</u> Intermediate competency in the following:</p> <ul style="list-style-type: none"> <li>• Communication</li> <li>• Critical Thinking</li> <li>• Effective Team Member</li> <li>• Agility</li> <li>• Mentor and Teach</li> <li>• Leadership</li> <li>• Technical Leadership</li> <li>• Leading without Direct Authority</li> <li>• Leading Highly Empowered, Self-Directed Teams</li> <li>• Lean Management</li> </ul> <p>Emerging competency in the following:</p> <ul style="list-style-type: none"> <li>• Organizational Awareness/Understanding</li> <li>• Demonstrates Business &amp; Financial Acumen</li> <li>• Maintains Strategic Orientation</li> </ul> <p><u>Position Specific Competencies</u> Advanced competency in at least two (2) and intermediate competency in the remaining of the following:</p> <ul style="list-style-type: none"> <li>• Software Quality</li> <li>• System Analysis &amp; Design</li> <li>• Continuous Improvement</li> <li>• Data Flow Architecting</li> <li>• Technology Awareness &amp; Strategic Planning</li> <li>• Software Testing and Quality Assurance</li> <li>• Product Management</li> </ul> <p><u>Other Knowledge, Skills, &amp; Abilities:</u></p> <ul style="list-style-type: none"> <li>• Knowledge of programming languages such as C#, Python, and JavaScript</li> <li>• Knowledge of common data exchange formats such as JSON and XML</li> <li>• Ability to work as a member of an agile development team</li> <li>• Ability to engage in cross-functional interactions</li> <li>• Strong ability to think abstractly and apply these concepts to concrete problems</li> <li>• Demonstrated ability and desire to quickly learn and apply new technical knowledge and skills</li> <li>• Demonstrated ability to adapt to new and changing technologies</li> <li>• Strong logical thought process for design and analysis</li> <li>• Outstanding analytical, critical thinking, problem-solving, and organizational abilities with attention to detail</li> <li>• Ability to synthesize feedback and go beyond specific improvement suggestions</li> </ul>

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<b>PHYSICAL REQUIREMENTS</b>				
Indicate the appropriate physical requirements of this job in the course of a shift. <i>Note: reasonable accommodations may be made available for individuals with disabilities to perform the essential functions of this position.</i>				
Physical Demand Level		Occasional Up to 33% of the time	Frequent 34%-66% of the time	Constant 67%-100% of the time
<b>X</b>	<b>Sedentary:</b> Ability to lift up to 10 pounds maximum and occasionally lifting and/or carrying such articles as dockets, ledgers and small tools. Although a sedentary job is defined as one, which involves sitting, a certain amount of walking and standing is often necessary in carrying out job duties. Jobs are sedentary if walking and standing are required only occasionally and other sedentary criteria are met.	<b>Up to 10#</b>	<b>Negligible</b>	<b>Negligible</b>
	<b>Light:</b> Ability to lift up to 20 pounds maximum with frequent lifting and/or carrying of objects weighing up to 10 pounds. Even though the weight lifted may only be a negligible amount, a job is in this category when it requires walking or standing to a significant degree.	<b>Up to 20#</b>	<b>Up to 10#</b> or requires significant walking or standing, or requires pushing/pulling of arm/leg controls	<b>Negligible</b> or constant push/pull of items of negligible weight
	<b>Medium:</b> Ability to lift up to 50 pounds maximum with frequent lifting and/or carrying objects weighing up to 25 pounds.	<b>20-50#</b>	<b>10-25#</b>	<b>Negligible-10#</b>
	<b>Heavy:</b> Ability to lift up to 100 pounds maximum with frequent lifting and/or carrying objects weighing up to 50 pounds.	<b>50-100#</b>	<b>25-50#</b>	<b>10-20#</b>
	<b>Very Heavy:</b> Ability to lift over 100 pounds with frequent lifting and/or carrying objects weighing over 50 pounds.	<b>Over 100#</b>	<b>Over 50#</b>	<b>Over 20#</b>
<b>Other</b> - list any other physical requirements or bona fide occupational qualifications not indicated above:				

Note: The purpose of this document is to describe the general nature and level of work performed by personnel so classified; it is not intended to serve as an inclusive list of all responsibilities associated with this position.