Low Code Developer Associate

Job Code: 340044	FLSA Status: Exempt	Mgt. Approval: B. Larkworthy	Date: May 2023
Department: Information Services		HR Approval: M. Grayson	Date: May 2023

JOB SUMMARY

The Low Code Developer Associate participates in the development and implementation of applications using approved low code and automation platforms. The Low Code Developer Associate helps create applications and process automation solutions that streamline business processes and increase efficiency. As a member of a cross-functional team, the Low Code Developer Associate works collaboratively with various stakeholders such as front-line clinical staff, information systems, and other business stakeholders to implement solutions using low code and automation platforms to improve existing processes.

The Low Code Developer Associate participates in the software development life cycle (SDLC), including development, testing, and deployment, in alignment with established organizational software engineering practices. The Associate follows established 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.

The Low Code Developer Associate is a valued contributor at UW Health who assists within a larger team or project to create and implement applications and processes that streamline business processes and increase efficiency. The Associate performs prescriptive work that contributes toward delivering high-quality solutions in an established domain. The Low Code Developer Associate may work closely with end-users throughout the organization to ensure that the solutions meet the needs of end-users and deliver the desired business value.

MAJOR RESPONSIBILITIES

- Utilize best practices to develop, test, and deploy high-quality applications and automated processes using low code tools and frameworks.
- Participate in application and process design and code reviews, ensuring code quality and adherence to coding standards.
- Utilize documentation for applications and automated processes, such as process maps, flow charts, process definition documents (PDD), and solution design documents (SDD).
- Utilize organizational quality control measures such as code reviews, automated and manual testing, and debugging procedures.
- Leverage appropriate interoperability technologies, such as application programming interfaces (APIs), web services, robotic process automation (RPA), and database integration for specific applications or processes with assistance.
- Troubleshoot and resolve issues with existing low code applications and automated processes and provide ongoing support.
- Participate in a 24x7x365 on-call rotation to support applications, promptly responding to incident notifications, and escalating them when necessary.

ALL DUTIES AND REQUIREMENTS MUST BE PERFORMED CONSISTENT WITH THE UW HEALTH PERFORMANCE STANDARDS.

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	• None
	Preferred	• One (1) year of experience developing applications and automated processes using low code and automation development platforms including design, development, testing, and release • Experience working in an environment utilizing professional software engineering practices such as coding standards, code reviews, and source control management • Familiarity with programming languages such as C#, Python, and JavaScript • Understanding of common data exchange formats such as JSON and XML • Experience within the healthcare industry
Licenses & Certifications	Minimum	None
	Preferred	• UiPath Certified Professional, or related certifications • ServiceNow App Engine Studio, or related certifications • Microsoft Azure Administrator, Developer, or related certifications • Professional Scrum Master, Developer, or related certifications • ITIL Foundation or related certifications
Required Skills, Knowledge, and Abilities		Information Services (IS) Core Competencies: Emerging competency in the following: • Communication • Critical Thinking

- Effective Team Member
- Agility

Position Specific Competencies
Emerging competency in the following:
- Software Quality
- System Analysis & Design
- Continuous Improvement
- Data Flow Architecting

Other Knowledge, Skills, & Abilities:
- Ability to work as a member of an agile development team
- Ability to engage in cross-functional interactions
- Ability to think abstractly and apply these concepts to concrete problems
- Ability and desire to quickly learn and apply new technical knowledge and skills
- Ability to adapt to new and changing technologies
- Effective logical thought process for design and analysis
- Outstanding analytical, critical thinking, problem-solving, and organizational abilities with attention to detail
- Ability to receive prescriptive feedback

PHYSICAL REQUIREMENTS

Indicate the appropriate physical requirements of this job in the course of a shift. *Note: reasonable accommodations may be made available for individuals with disabilities to perform the essential functions of this position.*

Physical Demand Level		Occasional Up to 33% of the time	Frequent 34%-66% of the time	Constant 67%-100% of the time
X	**Sedentary:** 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.	**Up to 10#**	**Negligible**	**Negligible**
	Light: 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.	**Up to 20#**	**Up to 10#** or requires significant walking or standing, or requires pushing/pulling of arm/leg controls	**Negligible** or constant push/pull of items of negligible weight
	Medium: Ability to lift up to 50 pounds maximum with frequent lifting/and or carrying objects weighing up to 25 pounds.	**20-50#**	**10-25#**	**Negligible-10#**
	Heavy: Ability to lift up to 100 pounds maximum with frequent lifting and/or carrying objects weighing up to 50 pounds.	**50-100#**	**25-50#**	**10-20#**
	Very Heavy: Ability to lift over 100 pounds with frequent lifting and/or carrying objects weighing over 50 pounds.	**Over 100#**	**Over 50#**	**Over 20#**
Other - 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.