

# UW HEALTH POSITION DESCRIPTION

<b>DevOps Engineer I</b>		
<b>Job Code:</b> 320037	<b>FLSA Status:</b> Exempt	<b>Mgt Approval:</b> B. Larkworthy/N. Locke <span style="float: right;"><b>Date:</b> August 2023</span>
<b>Department:</b> Information Systems		<b>HR Approval:</b> M. Grayson <span style="float: right;"><b>Date:</b> August 2023</span>
<b>POSITION SUMMARY</b>		
<p>The DevOps Engineer I focuses on support, maintenance, configuration, and basic debugging of the DevOps infrastructure, tools, and processes. Guided by more experienced technical staff, the DevOps Engineer I performs prescriptive work to assist in supporting the continuous integration and deployment of infrastructure and applications that are reliable, efficient, and secure.</p> <p>The DevOps Engineer I works closely with cross-functional roles such as software engineering, infrastructure, and analytics to assist in enabling the use of standard automated processes to develop and deploy integrated solutions for both on-premises and cloud systems in a consistent manner. The DevOps Engineer I assists with incorporating cybersecurity and software quality best practices into these processes to maintain consistency and efficiency across all teams that utilize these capabilities.</p> <p>The DevOps Engineer I demonstrates a willingness to learn and grow. They actively participate in team projects, showing dedication and initiative in understanding the broader scope of DevOps in the organization.</p>		
<b>MAJOR RESPONSIBILITIES</b>		
<ul style="list-style-type: none"> <li>Configure and maintain infrastructure and/or cloud resources necessary to reliably host, run, and support applications through all phases of the software development life cycle (SDLC).</li> <li>Create and maintain continuous integration and deployment (CI/CD) pipelines.</li> <li>Monitor build and deployment pipelines, troubleshoot issues, and resolve errors.</li> <li>Automate infrastructure and/or cloud resource deployments and configuration using infrastructure-as-code tools.</li> <li>Work with development teams to ensure code is properly integrated into the CI/CD pipelines.</li> <li>Configure the version control system to align with software development life cycle (SDLC) and security policies and best practices.</li> <li>Automate security testing and vulnerability scanning and integrate it into the development process.</li> <li>Remediate findings from vulnerability scanning and penetration testing.</li> <li>Troubleshoot technical issues, identify the cause, determine possible resolutions, and remediate issues in existing applications.</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>		
<b>JOB REQUIREMENTS</b>		
Education	Minimum	Associate degree in Healthcare, Information Technology, Business, or related field Two (2) years combination of relevant experience and education may be considered in lieu of degree
	Preferred	Bachelor's or Master's degree in Computer Science, Software Engineering, Systems Engineering, Information Technology, or related field strongly preferred
Work Experience	Minimum	<ul style="list-style-type: none"> <li>Demonstrated fluency in at least one scripting or programming language</li> </ul>
	Preferred	<ul style="list-style-type: none"> <li>One (1) year of experience working with DevOps platforms and environments</li> <li>Experience with version control systems such as Git</li> <li>Experience working in a cloud platform such as Azure</li> <li>Experience using continuous integration and deployment tools</li> <li>Experience administering and supporting both Windows and Linux infrastructure</li> <li>Experience using modern API and other application integration technologies</li> </ul>
Licenses & Certifications	Minimum	<ul style="list-style-type: none"> <li>None</li> </ul>
	Preferred	<ul style="list-style-type: none"> <li>Microsoft Azure or AWS Administrator, Developer, DevOps, or related certifications</li> <li>ITIL Foundation or related certifications</li> </ul>
Required Skills, Knowledge, and Abilities		Emerging competency in the following: <ul style="list-style-type: none"> <li>Communication</li> <li>Critical Thinking</li> <li>Effective Team Member</li> <li>Agility</li> <li>Continuous Integration and Delivery</li> <li>Systems Analysis &amp; Design</li> <li>Continuous Improvement</li> <li>Enterprise Automation</li> </ul>

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	<p><u>Other Skills, Knowledge, and Abilities:</u></p> <ul style="list-style-type: none"> <li>• Ability to provide remote and verbal computer and application support to end-users</li> <li>• Ability to write well-formed documentation for technical staff</li> <li>• Attention to detail with a high level of thoroughness</li> <li>• Ability to troubleshoot and identify the cause of server and software issues</li> <li>• Ability and desire to quickly learn and apply new technical knowledge and skills</li> <li>• Ability to adapt to new and changing technologies</li> <li>• Ability to receive prescriptive feedback</li> </ul>
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### 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
<b>x</b>	<b>Sedentary:</b> Ability to lift up to 10 pounds maximum and occasionally lifting and/or carrying such articles as docket, 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>
List any other physical requirements or bona fide occupational qualifications:		•		

**Work/Environmental:** Moderate noise level consistent with an office environment

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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.