TITLE: DEV OPS SPECIALIST	**CLASSIFICATION: INFORMATION SYSTEMS 27**
MINISTRY: HOUSING	**WORK UNIT: HOUSING INNOVATIONS DIVISION**
SUPERVISOR'S TITLE: DIRECTOR, DIGITAL DELIVERY	**SUPERVISOR'S POSITION #: 00075897**

MINISTRY OVERVIEW

The Ministry of Housing was formed in December 2022 to focus on the creation of attainable and affordable housing for people in British Columbia. The Ministry works collaboratively with partners within the B.C. government and across the housing sector to ensure consumers and providers in the housing marketplace are supported by efficient and fair regulations, that local governments are enabled to advance the housing their communities need, and that the supply of housing options offer attainable choices for British Columbians. As well, a key responsibility of the ministry is to lead government's focused efforts on addressing the needs of unhoused people to support safe and healthy communities for all.

The Ministry provides direction and funding to BC Housing, who has a mandate to develop, manage and administer housing options and supports on behalf of the Government across the housing ecosystem.

DIVISIONAL OVERVIEW

The Housing Innovations Division (HI) leads and advises on the development of programs and projects under the government's new housing plan, Homes for People. The division is leading the digital transformation of the housing development sector by unlocking the regulatory system to allow for the implementation of new innovative collaboration technologies that help project teams work more effectively with regulators, helping to increase sector productivity. The division is focused on digitizing construction codes and housing permitting process (News Release: new digital building permit tool will help create more homes faster). This includes meaningful engagement with local governments and First Nation governments across the province.

JOB OVERVIEW

This position is responsible for creating and maintaining a fully automated DevOps development and production environment including automated code migration, and testing processes and tools for effective iterative software development. This position plays a pivotal role in ensuring the continuous improvement and integration of our systems and applications. Responsibilities will encompass developing and implementing custom test automation frameworks, setting up and maintaining test environments, and translating business and technical requirements into efficient test cases and scripts. Collaborating closely with cross-functional teams, the Dev Ops Specialist documents applications according to BC Government standards, enabling seamless continuous integration and deployment. This position works in a high-profile, dynamic, fast-paced, and results-oriented environment.

ACCOUNTABILITIES

- Develops and implements custom test automation frameworks to ensure continuous improvement and integration.

- Sets up and maintains test environments for both manual and automated testing.

- Translates business and technical requirements into test cases, scenarios and scripts.

- Documents all applications according to standards and ensures application steady state enables continuous integration and continuous deployment.

- Creates development estimates and operational requirements to enable accurate planning within agreed timelines.

- Verifies functionality of components and services and ensures deployment meets client's expectations.

- Establishes requirements, methods and procedures for routine maintenance.

- Integrates solutions with external applications to ensure seamless compatibility.

- Creates technical design specifications and assists in scaling technical requirements.

- Evaluates existing applications and platforms and provides recommendations for improving performance, conducting analysis to identify alternative solutions as required.

- Reviews application modules for quality assurance and compliance with standards and policies.

- Evaluates new application packages and tools and performs research on best practices.

- Develops user guides and training documentation for applications and systems.

JOB REQUIREMENTS

- Master's degree in a computer science related field and 2 years of related experience; OR

- Bachelor's degree in a computer science related field and 3 years of related experience; OR

- Diploma in a computer science related field and 4 years related experience; OR

- Certificate or coursework in a computer science related field and 5 years related experience; OR

- An equivalent combination of education and experience may be considered.

Related experience includes the following:

- Minimum 5 years experience as a Dev Ops Specialist.

- Experience with API development and integration and continuous development environments.

- Experience using Jenkins, OpenShift, GitHub, SonarCloud/SonarCube, Postgres and similar technologies.

SECURITY SCREENING

- Successful completion of security screening requirements of the BC Public Service, which may include a criminal records check, and/or Criminal Records Review Act (CRRA) check, and/or enhanced security

screening checks as required by the ministry **(Note: It is important that you read the job posting carefully to understand the specific security screening requirements pertaining to the position).**

KNOWLEDGE, SKILLS, AND ABILITIES

- Analytical, interpretative, and problem-solving skills.

- Knowledge of a variety of modern development tools, such as HTML, CSS and Javascript libraries, relational and non-relational databases.

- Knowledge of version control technologies such as subversion and Git and development in an open-source environment.

- Knowledge of relational and non-relational databases.

- Knowledge of agile software development methodologies.

- Successful completion of security screening requirements of the BC Public Service, which may include a criminal records check, and/or Criminal Records Review Act (CRRA) check, and/or enhanced security screening checks as required by the ministry **(Note: It is important that you read the job posting carefully to understand the specific security screening requirements pertaining to the position).**

BEHAVIOURAL COMPETENCIES

- **Problem Solving and Judgement** is the ability to analyze problems systematically, organize information, identify key factors, identify underlying causes and generate solutions.

- **Commitment to Continuous Learning** involves a commitment to think about the ongoing and evolving needs of the organization and to learn how new and different solutions can be utilized to ensure success and move the organization forward.

- **Continuous Development** involves proactively taking actions to improve personal capability. It also involves being willing to assess one's own level of development or expertise relative to one's current job, or as part of focused career planning.

- **Innovation** indicates an effort to improve performance by doing or promoting new things, such as introducing a previously unknown or untried solution or procedure to the specific area or organization.

- **Results Orientation** is a concern for surpassing a standard of excellence. The standard may be one's own past performance (striving for improvement); an objective measure (achievement orientation); challenging goals that one has set; or even improving or surpassing what has already been done (continuous improvement). Thus, a unique accomplishment also indicates a Results Orientation.

- **Teamwork and Co-operation** is the ability to work co-operatively within diverse teams, work groups and across the organization to achieve group and organizational goals. It includes the desire and ability to understand and respond effectively to other people from diverse backgrounds with diverse views.

INDIGENOUS RELATIONS BEHAVIOURAL COMPETENCIES:

- **Cultural agility** is the ability to work respectfully, knowledgeably and effectively with Indigenous people. It is noticing and readily adapting to cultural uniqueness in order to create a sense of safety for all. It is openness to unfamiliar experiences, transforming feelings of nervousness or anxiety into curiosity and appreciation. It is examining one's own culture and worldview and the culture of the BC Public Service, and to notice their commonalities and distinctions with Indigenous cultures and worldviews.