



Position Title: Computer Programmer/Analyst II

Position Status: Full-Time Regular

Department: Human Resources and Corporate Services

Employee Group: Teamsters Local 31

Location: 4515 Central Boulevard, Burnaby

Salary Range/ Wage Rate: PG T28 \$3,634.43 - \$4,294.18 bi-weekly

Our Human Resources and Corporate Services Department is seeking a Computer Programmer/Analyst II who will contribute to design, develop, and provide support for both custom and vendor supplied applications.

You are: Analytical, collaborative, and have a proven record of delivering strategic solutions to business applications. You are curious and stay abreast of the latest tools, technologies, and are conscious about building secure code. You can deliver against pre-set deadlines. You have fundamental knowledge of a variety of programming and database languages such as C#, Vue or AngularJS, and SQL; working knowledge of enterprise systems such as Aveva PI System, and DevOps; knowledge of Vehicle Scale software such as Databridge.

This role:

- Designs, develops, and supports computer applications and application integrations which may interact with other systems, applications or modules using department technology standards and industry best practices to exchange data between disparate systems reliably; and creates application programming interfaces using design techniques to improve data transfers between systems and transition recovery procedures.
- Conducts preliminary investigations of problem areas and computer applications; provides technical knowledge for software application design, configuration, development and delivery; liaises with business analysts, users and others to define technical design specifications; prepares a report outlining recommendations on the advisability or feasibility of computerization or redesign of computerized applications, including preliminary cost estimates for business cases, impact assessments and project plans.
- Liaises with technology teams and leaders to develop and set technology standards and architectures for the organizations' computing environments; and collaborates to design and set application architectures and standards to solve complex business problems and find solutions to meet business needs.

- Supports both MVRD in-house written applications (such as REIA and NRDE) and purchased applications; investigates, analyzes, troubleshoots and resolves various technology related problems including system failures; collaborates with vendor technical support teams to support, troubleshoot, and upgrade purchased applications; and participates in workload planning, project scheduling and the development of plans.
- Conducts post implementation reviews to assess the attainment of design objectives and user expectations; takes or initiates action necessary to rectify any shortcomings; participates in user acceptance testing; coordinates releases of new versions; and communicates enhancements to users.
- Liaise between client departments and contractors; collects and creates business requirement documents; translates business requirements into technical specifications and configuration requirements; tracks and follows up on requests and product deficiencies.
- Conducts product and market research to maintain up to date knowledge of developments in the computer industry, including hardware, software, various application methods and procedures.
- Performs related work as required.

To be successful, you have:

- University graduation at the Bachelor level in computer science, commerce, public administration or engineering including courses related to the work plus considerable experience within the data processing field or application development including some system analysis or systems planning experience at a senior level; or an equivalent combination of training and experience.
- Thorough knowledge of problem definition and problem solving techniques, including statistical analyses, applicable to the development of software applications.
- Thorough knowledge of the equipment, methods and techniques used in computerized data processing operations.
- Considerable knowledge in windows application and web application development, workflows, load testing, user interface design, and database modelling.
- Considerable knowledge of the principles and practices of administrative management and organization and of modern office practices and equipment.
- Considerable knowledge of the functions of departments served and their requirements as applied to data processing-operations.
- Considerable knowledge of the applicable divisional policies and procedures.
- Sound knowledge of computer programming applicable to the work performed.
- Ability to understand the operational methods and procedures utilized by the department under study, analyze and evaluate various data and information, develop logical solutions for assigned problems and analyze the implications of proposed changes.

- Ability to investigate, analyze, troubleshoot and resolve various technology related problems including system failures and to collaborate with vendor technical support teams to support, troubleshoot, and upgrade purchased applications.
- Ability to participate in workload planning, project scheduling and the development of plans.
- Ability to establish and maintain effective working relationships with a variety of internal and external contacts and to provide advice and assistance on matters related to the work.
- Ability to communicate effectively orally and in writing and to present proposals in non technical language.
- Ability to perform assigned duties under minimum supervision.

Our Vision:

Metro Vancouver embraces collaboration and innovation in providing sustainable regional services that contribute to a livable and resilient region and a healthy natural environment for current and future generations.

We are committed to diversity, equity and inclusion and being representative of the region we serve. We invite all qualified candidates to apply including Indigenous People, visible minorities, immigrants, 2SLGBTQI+, all genders and persons with disabilities. Accommodations will be provided upon request during the selection process.

Please follow this link <https://metrovancover.org/about-us/careers> to our Careers page where you can submit your application by March 12, 2024.