Indigenous.Link

Canada's fastest growing Indigenous career portal, Careers.Indigenous.Link is pleased to introduce a new approach to job searching for Indigenous Job Seekers of Canada. Careers.Indigenous.Link brings simplicity, value, and functionality to the world of Canadian online job boards.

Through our partnership with Indigenous.Links Diversity Recruitment Program, we post jobs for Canada's largest corporations and government departments. With our vertical job search engine technology, Indigenous Job Seekers can search thousands of Indigenous-specific jobs in just about every industry, city, province and postal code.

Careers.Indigenous.Link offers the hottest job listings from some of the nation's top employers, and we will continue to add services and enhance functionality ensuring a more effective job search. For example, during a search, job seekers have the ability to roll over any job listing and read a brief description of the position to determine if the job is exactly what they're searching for. This practical feature allows job seekers to only research jobs relevant to their search. By including elements like this, Careers.Indigenous.Link can help reduce the time it takes to find and apply for the best, available jobs.

The team behind Indigenous.Link is dedicated to connecting Indigenous Peoples of Canada with great jobs along with the most time and cost-effective, career-advancing resources. It is our mission to develop and maintain a website where people can go to work!

Contact us to find out more about how to become a Site Sponsor.

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DEVELOPER (III) - DIGITAL STUDENT TRANSFORMATION T

Job ID	**49246-6704**
Web Address	https://careers.indigenous.link/viewjob?jobname=49246-6704
Company	McMaster University
Location	Hamilton, ON
Date Posted	From: 2022-09-27 To: 2050-01-01
Job	Type: Full-time Category: Education

Description

The Digital Student Transformation Team (DST). team in University Technology Services (UTS) provides exceptional customer service and a high level of central IT support to the McMaster community. Our goal is to ensure transparency, innovation and accountability in service provision and support. We stand by and value integrity, mutual respect, collaboration and cooperation and part of a key initiative of the digital student experience through the implementation of an institution wide Campus Relationship Management (CRM) solution that focuses on the Student ExperienceJob SummaryThe Developer (III) is responsible for providing technical expertise in a specific business applications area which requires a working knowledge of the technical infrastructure underpinning the applications. Plans, consults, and coordinates complex project assignments in the design, development, and implementation of applications software. Provides technical expertise working as part of a service or project team to implement complex technical solutions that meet client and business requirements. Responsible for contributing to the planning of the work programs and the review, development, and modification of best practices and technical solutions.Key Functions
- Develop new application software specifications that encompass functional, programming, and system process flows.
- Conduct business analysis, determine, and implement a course of action, set priorities, and recognize and take into account changing events and conditions during projects.
- Solve diverse and unusual problems by analyzing information where considerable interpretation of processes is required.
- Provide walkthroughs of systems and their interconnectivity with other applications in the organization.
- Ensure the detailed client specifications for all system components are valid and meet a defined set of requirements.
- Interview clients, review business rules, and determine business process flows.
- Act as a mentor to junior staff in the technical implementation aspects of projects.
- Estimate and plan project timelines and deliverables and adjust to unplanned changes and the impact on project schedules and resources.
- Negotiate with customers to set priorities, establish the fee-for-services, and discuss contingencies should a delivery date not be achievable or if the delivered product is not to the expectations of the client.
- Complete cost-benefit analyses to ensure that the client will see value and return on investment in resources such as, time savings, financial savings, and improved service.
- Develop and install new and modified University administrative applications systems using project management and application life cycle best practices.
- Complete the technical design, detailed specifications, programming system components, and system and integration testing for new applications.
- Contribute to project management documents for tracking project steps and process flow.
- Document the logical flow of processes and data in reports and flowcharts.
- Coordinate various tasks, resources, and people required to carry out problem solutions including the identification and sequencing of database administrator functions, and setting security authorizations.
- Create project plans which include task lists, test plans, client training plans, and analysis and documentation of project implications on other functional areas.
- Write and document business requirements for small to medium projects.
- Define, develop, and perform application testing procedures.

- Adapt techniques and interpret or modify procedures to achieve objectives where any changes are within the agreed project scope and deliverables.
- Gather information from customers to determine business, auditing, and system requirements.
- Facilitate meetings with customers and interpret, assess, and evaluate customer business requirements in order to establish project scope and design criteria for systems.
- Write complex programs using various computing and scripting languages.
- Debug computer program code.
- Develop and modify interfaces for existing applications and systems while maintaining the integrity of data and processes.
- Develop components for new multi-faceted computer systems and revise existing systems comprised of numerous application components.
- Work with and understand complex data models and databases for the most effective and efficient organization of data based on processing requirements.
- Contribute to the review, development, and modification of best practices and technical solutions.
- Communicate project, issue, and system status to project leads and managers.
- Perform load and stress testing to anticipate the impact of application usage on the production service environment.
- Complete calculations used to estimate various capacity requirements such as database size.
- Search and gather information from a variety of sources including computer applications, internet, and legislative documentation and consolidate relevant information to complete environmental scans.
- Develop time and cost estimates for project assignments.
- Work cooperatively with others to effectively determine information and understand business requirements of a complex nature.
- Deliver presentations to team members as it relates to project work.
- Exchange technical information with colleagues during the application development process.
- Explain and exchange technical concepts and information to clients in a non-technical manner to ensure that the customer comprehends the issue.
- Provide advice to customers on alternative and recommended approaches to computing system solutions for meeting their business requirements.
- Provide production service implementation training to clients.
- Provide expertise and working knowledge of application components such as internet, intranet, mainframe, personal computer, and database structures.
- Interpret complicated technical program specification documents, translate, and develop into application code.
- Prepare and review operations documentation, training materials, and timelines.
- Provide Level III post implementation support to users regarding technical issues.
- Take ownership of technical issues by identifying underlying problems, analyzing potential solutions and implementing system resolutions, including workarounds.
- Apply and enforce department change control policies and procedures.
- Participate in all phases of testing including, but not limited to, system, integration, acceptance, regression, and performance.
- Manage defects identified during all phases of a project.
- Resolve problems in the test, production implementation, and post-implementation phases in coordination with other technical and business groups.
- Communicate testing results to others.
- Maintain information technology process flow, methodology, and control documentation.
- Update and maintain knowledge of application components such as, internet, intranet, personal computer, and database structures.
- Remain current with relevant development and project methodologies.
- Remain current with frequent updates and changes to technology.
- Work with project leads and managers to prioritize and schedule issues resolution.
- Remain current with security policies and procedures and work with System Administrators to implement security changes.
- Facilitate effective dialog between technical staff.
- Read and understand complex Business Process Diagrams and develop basic (Level II) models.

- Read and understand a complex project plan and develop simple project plans.
- Understand the different levels of testing and develop simple use cases and test scripts.
- Follow a test script and document defects.
- Acquire and maintain a basic understanding of Business Intelligence and Data Warehousing principles.
- Develop simple queries using basic Business Intelligence tools.
- Provide recommendations to supervisor.
- Perform a range of varied work activities in a variety of structured environments.
- Understand and use appropriate methods, tools, and applications to complete work tasks.
- Demonstrate a rational and organized approach to work and identify development opportunities.
- Plan, schedule, and monitor own work within short time horizons.
- Absorb technical information when it is presented systematically and apply it effectively.
- Organize time, work and resources to accomplish objectives in the most effective and efficient way.
- Use measurement methods to monitor progress toward goal attainment, tenaciously working to meet or exceed those goals, while deriving satisfaction from the process of goal achievement and continuous improvement.
- Ensure that the internal and external customer perspective is a driving force behind decisions and activities.
- Follow service practices that meet customers’ and University needs.
- Interact with others in a way that gives them confidence in one’s intentions and those of the University.
- Work collaboratively with others to achieve departmental and institutional goals. Actively participate as a member of a team to move the team toward the completion of goals.
Assets:
- Enterprise Resource Planning (ERP) technical background with minimum of 3-5 years’ experience. Preference will be given to candidates with experience on PeopleSoft applications (v9.0 or above) using PeopleTools v8.50 or greater, PeopleCode, Application Engine, PeopleSoft Component Interface/Integration Tools, PeopleSoft Application Messaging, Query and Reporting
- Strong object-oriented programming skills
- Experience in assessing application technology and end user needs and recommending solutions in accordance with strategic direction and functional requirements.
- Demonstrated experience with major application integration, implementation and upgrades.
- Experience in developing complex queries to extract data from multiple tables.
- Experience working in a project-based team.
- Experience with Oracle and extensive knowledge of SQL language.
- Experience with HTML, HTML5, Java, JavaScript is preferred.
- Exposure to proven methodologies

For more information, visit McMaster University for DEVELOPER (III) - DIGITAL STUDENT TRANSFORMATION T