



A P E G S

*Association of Professional Engineers
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PROGRAMMER ANALYST

Looking to build an exciting career and an opportunity to make a positive impact? Then look no further! The Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS) is currently seeking a permanent full-time Programmer Analyst based in Regina, SK, Canada.

The successful candidate will work in a team environment at the APEGS office in Regina and actively contribute to the implementation of a new IT strategy by enhancing business processes and productivity through digital transformation.

Working alongside our team of professionals, our new Programmer Analyst will bridge third-party vendors, end-users and internal IT processes to provide high quality and timely technology support and solutions.

Along with the satisfaction of helping our team to progress, the successful candidate will enjoy a competitive salary, an empowering learning environment, and a long list of employee benefits.

To apply, send your resume and cover letter to hr@apegs.ca.

Job Title	Programmer Analyst
Job Summary	Reporting to the Director-Technology, this position builds strong working relationships with end users (employees) and vendors to support the IT Department in providing high quality and timely technology support and solutions. The position is responsible to: provide the first point of contact for all software application and database related queries from internal users and some external users; perform project scoping, develop technical workflow plans, design software architecture, and conduct tests on deliverables from multiple vendors. It is also responsible to identify application requirements, document specifications, and prepare written functional and user acceptance test cases.

Key Accountabilities and Duties:

Requirements Analysis, Business Process Modeling and Optimization

- Works in partnership with the team to review, analyze and evaluate business processes, systems, and user needs;
- Assist with preparation of proposals for solutions that combine IT technology and business process modifications;
- Model, advise, and recommend new and changed business processes to business managers and senior business leaders;
- Document requirements and test cases for business processes and system development.

Business Intelligence and Reporting

- Assist business leaders in identifying and developing meaningful business metrics and reporting tools.
- Develop reports, data analytics and queries as required by users.

Build Solutions

- Implement and test data models, code, GUIs, APIs, reports and BI systems;
- Perform unit, system, and integration testing for business solutions;
- Conducts user acceptance testing (UAT), which includes designing, implementing and reporting on UAT testing programs as required.

Packaged Solutions

- Research and provide recommendations on technology solution options. This includes:
 - Assist with research of commercial off-the-shelf solutions to satisfy business requirements
 - Conduct gap analysis and construct comparison matrixes
 - Develop proofs of concept and integration tests as required

Operations

- Participate in the support and problem resolution of existing systems;
- Maintain a knowledge base and keep documentation up to date;
- Assist in the administration of infrastructure, resolution of partner issues, and the deployment of services to end users;
- Serve as a technical resource as required;
- Perform coding, programming and scripting support for common business automation tasks;
- Assist with assigned projects and other duties as required.

Qualifications:

- Undergraduate degree in Computer Science, Computer Engineering, Software Engineering, or an equivalent combination of post-secondary education and experience;
- Proven ability to work in consultation with end-users and vendors to understand business issues, identify practical solutions, and manage expectations through clear communication;
- Intermediate knowledge of:
 - One or more high level programming or scripting languages (i.e., C#, Java, PHP, Python, React, etc.)
 - One or more structured query languages (i.e., MySQL, PostgreSQL, DB2SQL, MSSQL, etc.)
 - Business process modeling, software life cycle and best practices in product management
 - Functional and acceptance test case development and implementation
 - Microsoft Power BI process automation
- Experience in:
 - Identifying and resolving technical issues of varying complexity
 - Working with users, developers, and stakeholders to deliver quality software application systems and information services
 - Conducting research and presenting findings to audiences from a variety of technical and non-technical backgrounds