



Software Developer

The Association of Professional Engineers Ontario (PEO) administers the *Professional Engineers Act* to serve and protect the public interest by licensing Ontario's 80,000 professional engineers and setting standards for and regulating the engineering profession in Ontario.

PEO has an immediate opening for a Software Developer on a regular full-time basis. Reporting to the Manager, Information Technology, this position is part of the team that forms the core support for all client applications in the organization, especially Aptify (CRM solution), MS SharePoint, Solomon (Accounting software) and OIT (Doc Finity) for image management. These applications are central to the operation of the organization and timely and high-quality support of the systems is essential to organizational effectiveness. In addition, this position acts as backup for the desktop support activities for staff and volunteers.

The incumbent is responsible for developing and implementing custom applications and modifications to existing systems to meet the business plans and requirements of the organization. This hands-on position is responsible for liaising with clients during each phase, to ensure acceptance and smooth operation of the completed system. Some of the major responsibilities of the Software Developer are:

- Maintain and enhance complex programs, independently integrating with Crystal Reports and SQL. Performing the full range of programming, testing, debugging, and modifying affected reports, software and data files.
- Analyze and design new systems with guidance from the Senior Programmer Analyst and/or the IT Manager, after consulting with clients and other technical staff. Researches and develops program specifications needed for a system.
- Perform systems testing of programs and approving results. Prepare test data as necessary including the creation of test files and other necessary documentation.
- Review status of assigned tasks periodically, and provide written or verbal status to the IT Manager, in relation to issues, deadlines, and schedules.
- Provide assistance, when applicable, to the Business on problems such as software, problem logic, etc.
- System programming using appropriate and agreed-upon architecture and languages.
- Assist in implementing developed systems, providing good communication with the clients on progress.
- Provide post-implementation support to clients on assigned applications.
- Liaise with other members of the IT Department, to prepare for bringing systems into production and resolving issues that arise.
- Assist the Desktop Support role in responding at a user's site, to PC, peripherals and other equipment installations, software configuration, network assignments, routing and connection, and /or other related needs

Technical skills and competences:

- Advanced experience in software development, performance enhancement and maintenance of SQL and Microsoft .Net languages.
- Advanced experience with ASP.NET, VB.NET, C#.NET development.
- Intermediate experience in Crystal Reports & SQL Server Reporting Services.



- Intermediate experience working with Financial Systems and other applications.
- Intermediate experience with Entity Relationship Diagrams.
- Intermediate experience with SharePoint, SharePoint Administration & Development.
- Intermediate experience with SQL Database Procedures.
- Good understanding of web development technologies such as HTML, JavaScript, JQuery, CSS & Responsive Design.
- Good understanding of TCP/IP, Unix or Linux, Windows, SMTP.
- Good CRM configuration skills.
- Experience with, and preferably integration, with Microsoft Office Suite (Excel, Word, etc.).
- Preferred experience with Microsoft Dynamics and Aptify.
- Preferred experience with PowerShell

The successful candidate will possess excellent interpersonal skills with well-developed written and oral communication skills; and proven analytical and problem-solving skills with a highly developed independent work ethic and multi-tasking abilities. The highly self-motivated, detail and customer service-oriented candidate will have an ability to effectively prioritize and execute tasks in a high-pressure environment and work well with other team members in collaborative manner.

Education and experience:

The successful candidate will hold a bachelor's degree in engineering, computer science and/or other relevant academic degree or a software diploma, along with 1 – 3 years of software support and 3 - 5 years in software development.

Qualified professionals are invited to submit, without delay, their resume and cover letter stating salary expectations, in confidence by **January 26, 2018** to:

Professional Engineers Ontario
40 Sheppard Avenue West, Suite 101, Toronto, Ontario M2N 6K9
E-mail: peopledevelopment@peo.on.ca

We thank all applicants in advance for your interest in our organization and advise that only those candidates selected for interviews will be contacted.