

## The Weather Network is Looking for You... Now Hiring People with a Sunny Outlook

### *Benefits of working for Pelmorex / The Weather Network:*

- Named one of Canada's 50 Best Managed Companies for the 5<sup>th</sup> consecutive year
- Recognized as one of Greater Toronto's Top Employers for 2010, 2011 and 2012
- Keeping pace with the growth of technology, we offer unique integration of creativity, science and technology
- Leader in employment equity and diversity
- Dynamic, fast-paced environment, open-door philosophy
- State of the art facilities

## **Technical Architect, Development Lead**

*Reports to: Vice President & General Manager, Travelers Network  
Oakville, ON*

### **The Opportunity:**

Pelmorex Media Inc., the parent company of The Weather Network and MétéoMédia is entering the exciting category of Travelers information and services, requires a strong lead with an entrepreneurial spirit and experience taking products and services to market. The start-up company will need to build diverse new technologies and act autonomously from The Weather Network, while still enjoying 22 years of experience and knowledge.

### **Role Definition:**

The Technical Architect, Development Lead is responsible for leading the architecture and development of emerging software applications for The Travelers Network, including backend and frontend web and mobile applications. Working closely with the Product Development, Web and Applications Services teams, this position plays a critical role in anticipating the most effective design and development options. The incumbent must also ensure that Programming and Software Development achieves both high performance and quality, and is highly flexible and amenable to change in response to market feedback.

In a competitive environment, this entrepreneurial role leads a team of Software Developers that must anticipate future programming design requirements and be responsive to user feedback to ensure that Pelmorex applications have a competitive edge in their functionality and are used broadly by the general public.

With a solid IT architecture background, the Technical Architect, Development Lead is responsible for:

- Defining requirements;
- Assessing hardware/server;
- Storage and infrastructure sizing; and,
- Designing load balancing and clustering solutions according to architecture standards.

This is achieved in consideration of existing Pelmorex enterprise applications.

**Responsibilities:**

- Leads The Travelers Network Software Development team as they work closely with the business, product and operations teams to turn each software release into a successful commercial deployment.
- Responsible for software development strategy and planning, coordinating team activities, helping manage communication with stakeholders, and driving accountability and transparency throughout the team.
- Provides direction and accountability for strategic application architecture plans, system design, and implementation.
- Defines architectural best practices, addressing software design and application, data and technology in the context of business requirements for The Travelers Network and existing Pelmorex enterprise applications.
- Promotes shared infrastructure and applications to reduce cost and improve information flows.
- Provides technical leadership and ensures team adherence to best-practice processes for software development and implementation.
- Leads and manages all aspects of a Web and Mobile front-end applications and services and backend data/infrastructure development for The Travelers Network.
- Manages a wide range of technology, products and services for The Travelers Network (this includes online/Internet-based Web, Mobile/Tablet, Desktop, Device, and TV/iTV, as well as the complex back-end infrastructure including user-data, media-content databases and data systems).
- Establishes and maintains credibility with teams of smart developers, IT Operations, QA, Project Management and business management.
- Leads Developers in the definition of the application and data architecture taking into account business and technical requirements, client environment, commercial tools, and program objectives and current industry enabling technologies.
- Participates in vendor discovery engagements on new and existing products, evaluates usefulness and makes recommendations with respect to "fit" within the existing architecture.
- Ensures the preparation of software design documentation, including coding and route maps, diagrams and inventories.
- Works closely with IT Operations and Quality Assurance to test, deploy and maintain efficient, high-performance and error-free applications.
- Leads technical relationship with Advertising Trafficking to deliver advertising across products and services.

*Roles, responsibilities and duties may evolve and change over time.*

**Qualifications:**

- University or College degree in Computer Science, Engineering or related discipline
- 8 - 10 years software development experience, 5 of which include consumer-facing software development (preferably Internet)
- At least 3+ years of team management experience
- A progressive career that includes Software Development, Technical Architecture, Team Leadership, and Project Management
- Extensive experience in new and interactive/online media, Mobile and Web application development
- Significant past hands-on, expert-level experience in development of larger-scale applications
- Strong experience working with Agile methodologies and other progressive techniques
- Experience with automated build tools, configuration management and continuous integration; test and release
- Broad technical knowledge of user interface intensive applications, web services, and databases, including issues of usability, accessibility, performance, browser compatibility, and fault tolerance
- Expertise in both customer-facing/front-end Web/app and back-office/back-end architecture and infrastructure
- Experience working with large-scale virtualized data centre architectures
- Solid understanding of application and network security best-practices
- Experience with setting and tracking key performance indicators and software operational metrics
- Experience in managing the applications architecture and leading development teams to the next level
- Experience in process improvement/documentation, source control, build automation, validation and change management, continuous integration and test-driven development
- Experience in white-box testing, unit testing, performance/load testing, and test automation
- Strong experience with LAMP stack and related tools and technologies a must-have
- Strong experience with Web Services including SOAP / REST integration and SOAs a must-have
- Strong understanding of Web technologies and standards such as Javascript/JSON, PHP, (X)HTML/CSS
- Distributed processing and automation, cloud infrastructure and high-performance computing
- Strong understanding of XML and data formats
- Experience in data architecture and modeling a significant plus
- Experience working within a mixed UNIX (HP, QNX, Linux) and Windows development environment
- Strong SQL skills including complex query design with both commercial and open-source databases, including MySQL and Microsoft SQL Server a must-have
- Experience working with a version control system such as SVN a must-have
- Experience working with a bug/issue-tracking system such as JIRA
- Ability to anticipate the consequences of trade-offs between time-to-market and quality
- Proven ability to quickly grasp the implications of new technologies and business challenges
- Strong written, verbal and presentation communication skills
- Able and willing to roll up sleeves and get hands dirty in the technology when needed

In addition to the qualifications listed above, enhanced knowledge in one or more of the following areas:

- Business application development and integration (e.g., CRM / Sales / Accounting)
- Interactive user interface design
- Graphic / Imaging development

**Competencies:**

- Dynamic individual with a demonstrated passion and talent for software engineering excellence, and a proven track record of success in leading teams to deliver exceptional solutions on-time and on-budget.
- Passionate about releasing only the highest-quality products to consumers/clients. Customer-focused, resourceful, detail-oriented, adaptable/flexible and inquisitive.
- Driven, organized, natural leader as well as a manager who's respectful of peers and team, a very people-oriented coach/mentor, and very bright and forward-thinking individual.

**Working Conditions:**

Leads multiple concurrent projects in The Travelers Network Software Development Team. Deadlines are almost continuous as the position is expected to be the technical lead on large, technically complex, business projects in a fast-paced, agile and entrepreneurial environment.

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Qualified applicants should submit their resume to: *Human Resources*, Fax: 905-829-1332 or email: [hr@pelmorex.com](mailto:hr@pelmorex.com). Please quote: “**Technical Architect, Development Lead**” in the subject line. Pelmorex is committed to equity in the workplace. We thank all applicants for their interest, but only those selected for an interview will be contacted.