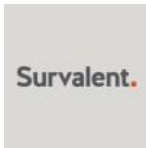


# Software Developer (.Net/Web), Outage Management System



## Software Developer (.Net/Web), Outage Management System

Hybrid Role/ (Applications outside of the GTA are welcome to apply)

**Are you looking to work with mission-critical software? Do you thrive in a busy development environment? If this sounds like you, then Survalent wants to hear from you!**

**Survalent is looking for a .NET/Web Software Developer to join the Outage Management System (OMS) Development team. The OMS team is responsible for delivering a high-performance Outage Management System that empowers utilities to efficiently track outages, reduce outage downtime, and safely guide field crews during restoration activities, all the while keeping its customers informed and up-to-date on outage status. If you are passionate about creating real-time software applications to support utilities in managing their outages and eager to learn within a team of accomplished industry developers, this is a great opportunity for you.**

**What you will be doing:**

- **Create Web Services including message queuing, push services, and required interfaces to support external product integration.**
- **Work within the development team to design, develop, and deliver various web applications for OMS.**
- **Optimize applications and leverage your experience with debugging, code analysis, and performance profiling.**
- **Design and create test procedures, test data, and execute testing to ensure the delivered feature is bug-free and meets the required technical and business specifications.**
- **Trouble-shoot software issues with an aim to resolve them in timely manner.**
- **Provide support and product knowledge to end users and internal stakeholders.**

- Participate in development of prototypes, MVPs (Minimum Viable Product), and PoCs.
- Drive technical standards, best practices, and support a culture of continuous improvement.
- Contribute as a member of the development team, utilizing Agile development processes to ensure efficiency while maintaining product robustness and quality.

#### **What You'll Need:**

- Degree in Computer Science or Power Engineering, or related field.
- 5+ years full stack software development experience with strong focus on .NET frameworks and programming languages (C#, ASP.NET, .NET Core and other frameworks).
- Advanced knowledge and proficiency with the Microsoft suite of technologies including server infrastructure, .NET based development tools, programming languages and MS SQL Server RDBMS.
- Strong knowledge of database integration and development including (Object-Relational Mapping - ORM libraries like Entity Framework) and SQL Stored Procedure.
- Proven experience in creating and testing the RESTful APIs using .NET and documentation tools like Swagger or API Blueprint.
- Excellent knowledge of web services standards and technologies (e.g. Web Sockets, JS, XML, SOAP, WSDL, REST, JSON, etc.).
- Experience with multi-threading, web optimization (caching, load balancing) and other performance related design constructs.
- Good knowledge of web security protocols, practices and data protection techniques e.g. end-to-end message encryption and Web/SQL injection prevention etc.
- Deep understanding of object-oriented programming (OOP) principles and design patterns.
- Ability to communicate technical and non-technical information verbally and in writing.
- Excellent analytical and problem-solving skills.
- Self-starting, quick learning and teamwork skills.

#### **Nice to have:**

- Experience using C++, Visual Studio and developer frameworks including WPF, Windows Forms, Windows/Worker Services, Data Report designer/Generation.
- Experience working with industry standard interfaces (Multispeak, CIM).

- Experience with modern front-end web frameworks (e.g. Angular, Vue, React etc.).
- Experience within a spatial/geographic problem set and knowledge of tiled map libraries (e.g. Open Street Map, Bing, Google).
- Familiarity with multiple databases (e.g. MS SQL Server, Oracle, Redis, MongoDB), web servers (e.g. Apache) and UI/UX design.
- Familiarity developing real-time software applications.
- Experience with various source control applications including Git, Bitbucket.
- Experience using collaboration tools including Confluence, JIRA.
- Experience with CURL, Postman, and similar technologies.

**This is a full-time permanent position reporting to the Team Lead of OMS. If you are interested in joining a growing organization in this exciting role, please apply with your resume and cover letter.**

#### **About Us:**

**Survalent Technology Corporation is the leading provider of real-time smart grid management system for enabling visualization, optimization, and improved operations for utilities. For six decades, we have helped more than 700 utilities use operational data to increase reliability, efficiency, and customer service. With our proven and reliable SCADA (Supervisory Control and Data Acquisition), Distribution Management System (DMS), Outage Management System (OMS), and Substation Automation (SA) solutions, utilities transform data into actionable intelligence. We partner with utilities across the globe to create mission critical solutions that will achieve the promise of the Smart Grid.**

**Survalent values a diverse workplace and strongly encourages women, people of all races, color, creed, ancestry, ethnic origin, sexual orientation, gender identity or expression, age, religion, national origin, citizenship status, disability, marital status, family status, and those with disabilities to apply. Survalent is an equal opportunity employer. We are committed to providing accommodations for persons with disabilities. If you require accommodation, we will work with you to meet your needs.**

**While we appreciate the interest of all applicants, only those selected for an interview will be contacted**

**Tell me about yourself.**

I am an energetic and enthusiastic individual with a strong passion for software development, particularly in creating web and mobile applications. With a degree in Computing, I have acquired diverse technical skills, especially in .NET frameworks, which align well with the requirements of this position at Survalent. I work hard to develop the necessary skills and qualities that will enable me to have a successful and fulfilling career. I emphasize conscientiousness and a strong desire for continuous learning, as I believe these traits are essential not only for professional growth but also for personal satisfaction. My proactive approach has helped me achieve significant milestones, such as securing competitive co-op positions and contributing effectively to team projects. Ultimately, I can make performance in collaborative environments where I can learn from experienced professionals while also sharing my own insights.

## Behavioral Questions

**Describe a time where you were faced with problems or stresses that tested your coping skills.**

While serving as a squad leader in the army, I faced significant stress when a new recruit joined our squad after having difficulty adjusting to military life. I was responsible for his integration into our team, especially with a crucial mock battle approaching. To alleviate the pressure, I focused on building a strong relationship with him, setting aside my initial concerns about his reputation. I dedicated time to teaching him essential skills and army protocols, providing support and guidance in a high-stress environment. My patience and mentorship ultimately helped him become an effective member of our platoon. He not only integrated well but also successfully completed his mission during the mock battle, reinforcing my belief in the importance of teamwork and resilience under pressure. This experience has greatly influenced my approach to collaboration in software development, where supporting team members is essential.

**Describe an important goal you have achieved, and how you achieved it, including any setbacks you experienced.**

Securing my first co-op position was a significant achievement that challenged my skills and self-confidence. I faced high expectations and self-doubt regarding my abilities, especially as English is not my first language, making interviews particularly intimidating. To overcome these challenges, I dedicated six months to enhancing my portfolio by completing two individual projects in mobile and web application development. I also prepared rigorously for potential interview questions, often working late hours to ensure I was ready. My hard work and commitment paid off when I received two job offers from three interviews, which was an exhilarating validation of my efforts. This experience not only boosted my confidence but also improved my technical skills, preparing me for future roles in software development. I

learned that determination and preparation are key to overcoming challenges and achieving my career goals.

**Tell me about a time when you influenced the outcome of a project by taking a leadership role.**

During my co-op at Atlas Apex, I participated in a collaborative programming project with fellow co-op students, where we faced challenges in teamwork and communication. Initially, no one wanted to take the lead, which threatened our project's success. Recognizing the need for direction, I volunteered to share my screen and guide the problem-solving process, despite some initial resistance from my peers. I engaged each team member by asking for their input on my approach, which gradually encouraged them to contribute actively. Through my leadership, the team became more collaborative, allowing us to address challenges together and leverage each other's strengths. We successfully completed the project on time, demonstrating the power of effective teamwork and communication. This experience reinforced my commitment to fostering collaboration, which aligns perfectly with Survalent's focus on teamwork and continuous improvement.