Soohwan Kim

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Computer
Science Student

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21 OCT 2024

Dear Hiring Manager,

I appreciate that you are considering my application. I am writing to express my enthusiasm for the Software Developer position with the OMS team. I am currently pursuing a Bachelor's in Computing General at the University of Guelph and I am eager to bring my strong programming skills to your innovative team. Without further ado, I'd like to explain that I'd be an outstanding developer for your company. Here's why:

First of all, my experience as a Computer Programmer Analyst (CO-OP) at the Canada Revenue Agency and as an Application Developer at Atlas-Apex has provided me with hands-on expertise in developing web applications and managing databases. During my time at Atlas-Apex, I developed a complete web application using Angular and .NET Core, which aligns closely with your need for developers who can design and deliver high performance web applications.

Additionally, I pride myself on my strong interpersonal and communication skills, which I believe are vital for collaborating within a development team and ensuring smooth integration with team members. I am excited about the opportunity to contribute to your team.

I look forward to the possibility of discussing how my skills and experiences align with the needs of your team. Again, thank you for your consideration.

Sincerely,

Soohwan Kim

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

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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