Yurii **Biliaiev**

SENIOR .NET DEVELOPER

Canada, Ottawa

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Summary

Highly organized and goal-oriented experienced software engineer with strong leadership skills. Seeking a challenging position to leverage my professional expertise for the growth of the organization.

Work Experience

Sitecore Canada   *Ottawa*

TECHNICAL LEAD   *Dec. 2021 - Present*

- Designed blueprints for Cloud Architecture of Sitecore Containers-based environment to cover end-to-end operational experience including operational aspects
- Developed automation for deployment and maintenance of container-based cloud infrastructure and services on Azure using infrastructure as a code approach to unify the provisioning experience
- Developed observability and monitoring (logging, monitoring, alerting, dashboards) solutions for container-based environments to ensure that environment is up and running effectively and predict outages proactively
- Reduced product build time from 3 hours to 50 minutes
- Automated validation of compliance with corporate standards
- Developed and continuously supported education plans for employees to ensure that team members have the required knowledge that the company is looking for to deliver new products
- Removed showstoppers and took an active part in the customer escalation process
- Continuous review and advocating of development best practices

Sitecore Ukraine   *Dnipro*

LEAD DEVELOPER   *Feb. 2017 - Dec. 2021*

- Designed and developed a LINQ provider for Azure Search
- Developed multi-culture support for the content search provider
- Developed complex whitelisting functionality for content search fields to overcome limitations in 1000 fields per Azure Search index
- Developed zero-downtime index rebuild feature to avoid search functionality downtime during the index rebuild
- Developed search results ranking feature
- Developed ARM templates to deploy required infrastructure and application resources with all required integrations and dependencies to simplify the complexity of the deployment process of Sitecore product to Azure Cloud
- Developed 'Sitecore Azure Toolkit' product to allow customers to build and deploy custom Sitecore-based solutions to Azure Cloud
- Investigated and fixed high-profile issues connected to memory leaks
- Documented Sitecore Azure Search Provider and Sitecore Azure Toolkit products
- Being a technical mentor for team members

Unicreo, Ukraine   *Dnipro*

SENIOR DEVELOPER   *Apr. 2012 - Feb. 2017*

- Developed a desktop application to analyze sales reports from mass market resellers and build sales forecasts for upcoming periods, and effective promotion combinations
- Developed a desktop application to manage and audit access for electronic card locks
- Developed a web application for video presentations
- Onboard newcomers
- Organize technical sessions
- Code review

Education

National Mining University   *Ukraine, Dnipro*

MASTER   *Sep. 2010 - Jun. 2015*

- Graduated with High Honors in the specialty "System Software".