

ANTON LYHIN – SENIOR SOFTWARE ENGINEER

Personal Data

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Summary

Eight years of enterprise experience in software engineering. Contributed software engineering experience to worldwide brand products and Fortune 1000 companies.

- **.NET** practice since 2009, certified. Tools: .NET Core 3.0, Web API, REST, Swagger, OData, Solr, ReSharper, XUnit, Moq, SpecFlow, OpenCover, StyleCop, DotPeek, .NET Memory Profiler, UML, Talend BPM, ZooKeeper, IIS, Serilog, Azure Service Bus, Azure AD, other tools and extensions;
- **Sitecore**: 2 years practice. Sitecore 9.0 Certified, started with Sitecore 7. Tools: Unicorn, Glass Mapper, Experience Analytics, Pipelines, Sitecore Rocks, PowerShell extension, etc.;
- **JavaScript**: 5 years. Tools: NPM, Angular 8, pure JavaScript, TypeScript, Cypress, Gulp;
- **Databases**: Azure DataFactory, ETL. SQL Server 2 years, certified. MySQL, Cosmos DB, RavenDB;
- **Operating Systems/DevOps**: Linux, Windows Server; Docker, CI/CD Azure DevOps.

Areas of strength include

- Strong knowledge in .NET, .NET Core, Asp.NET MVC, REST architecture via Asp.NET Web API;
- Solution architecture: internal project full life-cycle, understand SOLID, CQRS, Event Sourcing;
- Experience of work with Sitecore 7-9, Sitecore integrated and .NET integrated Solr search engine;
- Experience of work Sitecore Experience Analytics: Sitecore item-based, MVC, Web API analytics;
- Good communication skills (IELTS B2), public speech Sitecore User Group Belarus #13;
- Experience of work on strict deadline projects;
- Participated in design and development of distributed systems, multilayered enterprise .NET solutions, able to represent application architecture via UML diagrams, apply design patterns;
- Experience of work in Agile Scrum/Kanban teams with code reviews, daily standups, retrospectives, able to understand and improve a defined workflow;
- Pay attention to unit, integration and E2E testing, code quality and code coverage;
- Strive for excellence by constant self-learning, having hands on experience, getting familiar with technical communities and technology stack trends.

Education

Graduation Year: 2012
Education Establishment: Belarusian State University
Faculty: Applied Mathematics and Computer Science
Degree (diploma): Bachelor
Specialty: Mathematical Programmer

Certificates

Sitecore® 9.0 Certified Platform Associate Developer	Passed	2019-2020
Microsoft Exam 70-483: Programming in C#	Passed	2016-2018
English level: IELTS	B2	2015-2017
Microsoft Exam 70-461: Querying MSSQL Server	Passed	2014-2016

Public Speech

[Sitecore User Group Belarus #13](#): Sitecore Experience Analytics presentation Hampton by Hilton Minsk City Centre [Presentation in English](#)

WORK EXPERIENCE

Senior Software Engineer [Godel Technologies](#)

Jul 2019 – Mar 2020 (8 months)

Industry: Food Delivery/Franchising
Project: Microsoft Azure microservice application with CQRS, Event Sourcing and ETL.
Team: Hybrid team, 1 SA, 1 DevOps; 1+5 developers, 1 PAE, 1 TAE, 1; 4 teams: 2 BE, 1 FE, 1 UX.
Tasks:

- Three project stages: REST implementation, test coverage, demo to PO; ETL by means of EF Core Migration and Azure DataFactory (personal responsibility); NPM UX component integration, business logic, Unit and E2E Frontend tests;
- Stage 1 two months: REST, Service Bus, MediatR, test coverage, solution refactoring, demo;
- Stage 2 four months: Configured a Git repository for DataFactory project with 20+ tables; Implemented and parametrized ARM-template and EF-migration to be environment-specific; Linux based CI/CD pipeline was created for ADF schema deployment and pipeline trigger; ETL-schema performance profiling and optimization: iterative optimal and parallel approach; Created STG intermediate layer for table lock reduction; Configured Cosmos DB configuration-data update step by means of Azure Functions; Handling ETL for table splitted into two one-to-zero relations; Full-cycle deployment on DEV, TEST, QA, PROD environments and support; Communicated with Microsoft Azure DataFactory team for product enhancement.
- Stage 3 two months: NPM UX integration, communication with PO, Mocha, Cypress tests.

Tools: CI/CD to Linux, .NET Core, Web.API, DataFactory, Docker/K8s/Istio, Azure Service Bus; Azure SQL Server, Cosmos DB; XUnit, Specflow, PACT Tests, Cypress; Azure DevOps, NPM.

Sitecore Developer [WM Reply](#)

May 2018 – Mar 2019 (11 months)

Industry: Agricultural Machinery
Project: Successful start of Sitecore department at WM Reply. First WM Reply Sitecore solution was a strict deadline project consisted of three stages. Third-party APIs integration, SharePoint integration, multi-language, multi-website, Helix based Sitecore 9 solution with Solr search and ADFS authorization. Frontend was provided by two external teams.
Team: One developer for second and third stages; stage one: 1 team-leader, 2 developers, 1 QA.
Tasks:

- Stage 1: APIs and component-based frontend integration, Solr search configuration, buckets task, setting up language configuration for multiple markets, daily communication;
- Stage 2a: involved Ticketing sub-portal implementation based on third-party non-documented API. Independent work. Proactive communication to deliver the Web-portal on time. Added caching. Exception handling also used for meaningful cases such as third-party API inaccessibility; frontend was provided by external team; tested result on QA, STG; a delivery demo was made at the final stage.
- Stage 2b: Sitecore solution refactoring: segregated user registration Web-portal;
- Stage 3: added Experience Analytics (EA) over existing solution architecture on pre-production phase; covered 50 Sitecore Analytics backlog cases with out of the box Sitecore item, MVC approaches. Also enabled Web.API analytics via Sitecore pipeline; 5 of EA pages had cross-website multilanguage configuration; troubleshooting EA; environment set up from scratch; independent work.

Tools: Sitecore 9, IIS, https, xDB, xConnect, Experience Analytics over Web API, buckets, Solr, Glassmapper, PowerShell, Helix conventions, SitecoreRocks, Unicorn, transformation configs, Total Commander, DotPeek, Gulp, Fiddler, Hyper-V, caching, dictionaries, ADFS.