

# Aliaksei Sosin

SOFTWARE ENGINEER

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## Summary

Experienced Software Engineer with a proven track record in backends, .NET, client/server, and distributed systems using relational and NoSQL databases. Skilled in reducing costs and improving user experience. Interested in modern microservice architectures, functional programming, and Golang.

## Skills

<b>Back-end</b>	Asp.NET, REST API
<b>Databases/Messaging</b>	MongoDB, Aerospike, Redis, MariaDB, SqlServer, Vertica, Kafka
<b>Programming</b>	C#, Bash
<b>Observability</b>	ELK, Grafana, Dynatrace
<b>Operating systems</b>	Linux, MacOS, Windows
<b>DevOps</b>	AWS, Docker, Kubernetes, Jenkins, TeamCity
<b>Languages</b>	Russian(native), English(C1), Polish(beginner)

## Experience

### Sababa Labs/Playtika Ltd.

Minsk, Belarus

SENIOR .NET BACKEND DEVELOPER

Aug. 2019 - Feb. 2023

- As a part of the backend team, reduced application operational costs by approx. \$2M/year in cloud provider payments by moving highload gaming backend (600 000 daily active users) from Windows and AWS to Linux and private DC under Kubernetes+Netflix stack (Eureka, Zuul, Hystrix, Ribbon)
- Simplified application structure by 10-30% with integration of Playtika platform Java services into BK: Login, Payments, Journeys, Goods Router, InApps
- Improved user experience and increased monetization with Minigames feature revamping by extending gaming monolith REST API and its Aerospike storage. Took the lead of mini-team for the feature, comprising of 2 QA, 2 Unity developers and myself as a backend developer.
- Reduced players waiting time and tournament experience by implementing a new microservice in .NET Core for custom Journey step (tournament end) based on points instead of tournament ending time.
- Reimplemented Facebook, Apple, and Guest login based on Playtika services and JWT provider, subsequent optimizations.
- Served as a gatekeeper for microservices and parts of gaming monolith, as well as some PSF integrations which sped up problem identification and improvements by 20%.
- Helped with reducing prod incident time by 30% during on-duty support, monitoring, NOC and SLS assistance using Prometheus, Grafana, ELK, Kibana, Dynatrace
- Developed .NET microservices container healthcheck library to standardize new microservices development
- Improved team knowledge sharing with several talks and Wiki pages for: Journey messaging debugging assistance during prod incidents, backend architecture overview for onboarding, containers traffic monitoring in Linux

### Compatibl LLC

Minsk, Belarus

.NET/.NET CORE DEVELOPER

Apr. 2008 - Aug. 2019

- Implemented server part in .NET/.NET Core for accounting and internal assets reporting system for a U.S. bank and stockbroker Charles Schwab.
- Various custom XVA solution implementations based on Compatibl Analyst platform (Windows and .NET) for major European, U.S. and South African banks.
- Compatibl Analyst platform extensions, customer data integration (SQL Server, Sybase ASE, Oracle8i).

### ScienceSoft Inc.

Minsk, Belarus

.NET DEVELOPER

Jan. 2006 - Apr. 2008

- Developed a WinForms + SqlServer desktop application for Estonian State Registry Office.
- Maintained and developed a WinForms production equipment load balancer tool for Baxter Pharmaceuticals.

### VPI Development Center

Minsk, Belarus

.NET DEVELOPER

Jun. 2003 - Nov. 2005

- Development of WinForms product for rapid design of optical transport networks.
- Implemented an XSLT-based templating engine to transform XML data into SVG equipment images.

### Coherent Solutions

Minsk, Belarus

JUNIOR C++ DEVELOPER

Mar. 2002 - Jun. 2003

- Online community portal featuring news aggregator, groups organizer and events planner in C++ and HTML.

# Education

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## Belarusian State Polytechnic Academy

B.S. IN INDUSTRIAL ROBOTS AND ROBOTIC SYSTEMS

- Robotics engineer

Minsk, Belarus

1995 - 2000

# Certifications

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## Microsoft

MICROSOFT CERTIFIED PROFESSIONAL “.NET FRAMEWORK - APPLICATION DEVELOPMENT FOUNDATION”

- Certification ID: 5825031
- Transcript ID: 832377
- Access code: helmes2009

Minsk, Belarus

2007

## Coursera

ARCHITECTING WITH GOOGLE KUBERNETES ENGINE

- Google Cloud Fundamentals: Core Infrastructure
- Architecting with Google Kubernetes Engine: Foundations
- Architecting with Google Kubernetes Engine: Workloads
- Architecting with Google Kubernetes Engine: Production
- Verify url: <https://www.coursera.org/account/accomplishments/specialization/certificate/R2DBY6WL4GRL>

Online

2021

## British Council EnglishScore

ENGLISH CORE SKILLS CEFR C1 ADVANCED

- Verification ID: 5c715d02
- Verify url: <http://englishscore.com/verify>

Online, proctored

2023