

# Oleksii Zapara

## Senior Software Developer

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Detail-oriented and performance-focused software engineer, offering a successful career in complex systems architecture, design, development, automated and unit testing, and performance optimization. Possess solid object-oriented systems design and implementation, system architecture development, software development skills. Maintain strong verbal and written communication skills as well as excellent computer science, mathematics, and physics background.

### TECHNICAL ACUMEN

Software Technologies	.NET Core   ReactJS   Entity Framework   ASP.NET   MVC   Linq   NUnit   Redux   REST
Programming Languages	C#   JavaScript   SQL   HTML5   CSS3   Java
Cloud	Azure   AWS   Docker   Terraform   Kubernetes   DevOps CI/CD
Version Control	Git   TFS   SVN
Methodologies	Agile   SCRUM
Database Servers	Microsoft SQL Server   Cosmos DB
Development Tools	Visual Studio   VS Code   IntelliJ   SQL Server Management Studio

### PROFESSIONAL EXPERIENCE

**SENIOR SOFTWARE DEVELOPER**      **ASB BANK, AUCKLAND**      **November 2019**

It is New Zealand's leading commercial bank, provider of integrated financial solutions.

*Responsible for leading the development of key application functionality that is related to SWIFT payments. Mentored and advocated best patterns and practices pragmatically. (C#, .Net Core, Cosmos DB, Service Bus, HTML, CSS, ReactJS, Java, Docker, Azure Active Directory, Docker, Kubernetes, Terraform)*

- Designed and developed programming systems with microservice architecture to achieve company business requirements (primarily front-end & web API services).
- Applied modern coding practices (dependency injection, design patterns, SOLID, unit tests).
- Looked after CI/CD pipelines.

**SENIOR SOFTWARE DEVELOPER**      **STARPOINT SOLUTIONS, MOSCOW**      **June 2015 – August 2018**

Starpoint Solutions LLC is a recruiting agency with headquarters in New York with the Engineering Department.

*Responsible for architecting and implementation of a solution that enroll, and manage people for different insurance providers. (C#, MVC, Razor, Entity Framework, HTML, CSS, JQuery, Bootstrap, NLog, NUnit, Git).*

- Designed the system based on the analysis of requirements.
- Tech leaded a team of developers to work together in sprint circle development.
- Assisted more junior members of the team to follow best practice standards.

*Responsible for architecting and implementation of a solution that comprised of information on every property in the City of New York (C#, MVC, Razor, Entity Framework, HTML, CSS, JQuery, Bootstrap, AutoMapper, NLog, NUnit, Git).*

- Held full accountability for site development by identifying the most appropriate technology to use in the development process.
- Implemented a group-based authorization system for the web application. It allows different access for different users based on their group's participation.
- Carried out the development of software solutions by studying information needs; conferring with users; studying systems flow, data usage, and work processes; following the software development lifecycle, including the creation of plan and delegation of tasks to other developers.
- Managed the documentation of solutions by developing the documentation, charts, code comments, and clear code.

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*Responsible for creating an adapter for connecting the Genetic Access Control System (ACS) with EyeLock ACS (C#, Entity Framework, SQL, NUnit, Git).*

- Carry out essential tasks, including adapter development, and unit test creation.
- Researched Genetec ACS SDK from an integration perspective.

## PERSONAL PROJECTS

**OpenLi** – a web application helping users to improve their pronunciation.  
(JavaScript, ReactJS, Redux, AWS, GraphQL, Git)

[github.com/oleksiizapara/openli](https://github.com/oleksiizapara/openli)

- Implemented Unit Tests with 70% statement coverage.
- Designed a modular and scalable system based on AWS technologies.
- Applied complex speech to text comparison algorithm.
- Integrated AWS Amplify Deploy as CI for publishing, managing, and tracking logs of the web application.
- data between the application and a web server which processes in-deep analysis.

## EDUCATION

### Master of Science with Honors in Applied Mathematics and Physics

MOSCOW INSTITUTE OF PHYSICS AND TECHNOLOGY, MOSCOW, RUSSIA

### Bachelor of Science in Applied Mathematics and Physics

MOSCOW INSTITUTE OF PHYSICS AND TECHNOLOGY, MOSCOW, RUSSIA

### Master Diploma in Software Development Level 7

EDENZ COLLEGES, AUCKLAND, NEW ZEALAND

## CERTIFICATION

### Microsoft Certified: Azure Fundamentals

MICROSOFT