

IGOR BARANOV

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CAREER OBJECTIVE:	Senior Software Developer, Database Developer,
EDUCATION: 1993-1999	National Technical University of Ukraine (Kyiv Polytechnic Institute). The diploma of the engineer in a speciality «Electromechanical systems of automation and the electric drive».

SKILL SUMMARY

Knowledge summary (tools and technologies):	<p>Development platform and techs: .NET 6, C#, ASP.NET Core 6, ASP.NET MVC 3,4,5, ADO.NET, Web Services, WCF, WEB API, XML, HTML, CSS, bootstrap, d3(web graph), JQuery, Javascript, Typescript, SASS, AngularJS 1.x., Vue, Vuex, ReactJS, RabbitMQ, MassTransit, Mediatr</p> <p>Database servers: MS SQL Server 2017 (2008, 2005, 2000, 7).</p> <p>Database tools: SQL Server Profiler, Tuning Advisor</p> <p>Deployment tools: Windows Installer, ClickOnce.</p> <p>Aspect framework: PostSharp.</p> <p>Unit testing: NUnit, MSTest, xUnit</p> <p>IoC container: autofac.</p> <p>Mocking framework: NSubstitute, Moq,</p> <p>Validation Framework: SpecExpress, FluentValidation</p> <p>Object-object mapping: AutoMapper.</p> <p>Logging: NLog, log4net.</p> <p>ORM: Business Logic Toolkit, SqlHelper, Entity Framework Core, NHibernate, Dapper.</p> <p>Source control: CVS, SVN, TFS, Perforce, Git</p> <p>Bug Tracking: Jira, TFS</p> <p>Design tool: Enterprise Architect</p> <p>Software development process: TSP/PSP, test-driven development</p> <p>Configuration library: Nini</p>
Other knowledges:	<p>Risk management, Billing systems (telecommunication services), IVR (statistics), Retail, POS-devices, Crediting, Legal Entities (bank sphere), CRM (insurance), Surveys, Questionnaires, Equity Trading, web site development, E-Commerce, grocery stores.</p>

[My publication on <http://www.codeproject.com/Articles/56617/Applied-Long-Running-Active-Object-Pattern>
 [My MCP transcript at **Microsoft**, Transcript ID: 673066]

SKILL DETAIL

<p>EMPLOYMENT PERIOD AUG 2021 – MARCH 2022</p> <p>COMPANY NAME/ORGANIZATION Fozzy Group</p> <p>POSITION Senior .NET Developer</p>	<p>PROJECTS/ PARTICIPATION/ TOOLS AND TECHNOLOGY/ RESULT</p> <p>PROJECT: E-commerce, Big food store integration project. It's microservice for integration order management one web shop store with ecosystem ECom, Collecting, Workflow and others subsystems.</p> <p>MY RESULT: I have done the architecture and implementation of project (WEB API service) based on Clean Architecture methodology. C#, .NET 6.0, ASP.NET Core 6.x, MS SQL Server, EF Core, Swagger, Unit tests, RabbitMQ, WEB API, Exception handling, logging, Integration tests</p> <p>Team 5+ team members. (Work at home, remote)</p>
<p>EMPLOYMENT PERIOD OCT 2020 – AUG 2021</p> <p>COMPANY NAME/ORGANIZATION My Cloud Grocer</p> <p>POSITION Senior .NET Developer</p>	<p>PROJECTS/ PARTICIPATION/ TOOLS AND TECHNOLOGY/ RESULT</p> <p>PROJECT: E-commerce, 30+ grocery stores project(s). Project is based on nopCommerce.</p> <p>MY RESULT: I have refactored a lot of old spaghetti code to improve maintainability the project modules, have done database optimisation to improve performance, have added new functionality according to business requirements. C#, Javascript, Typescript, .Net Framework 4.x, JQuery, Knockout, ReactJS, Git, ASP.NET MVC, T-SQL, Octopus</p> <p>Team 10+ developers, testers. (Work at home, hard schedule, time shift to US time)</p>
<p>EMPLOYMENT PERIOD MAY 2017 – OCT 2018</p> <p>COMPANY NAME/ORGANIZATION Systemorph</p> <p>POSITION Software Developer, Application Designer</p> <p>STARTUP!</p>	<p>PROJECTS/ PARTICIPATION/ TOOLS AND TECHNOLOGY/ RESULT</p> <p>PROJECT: Risk management and risk control application based on Systemorph's platform, customization according to client's needs.</p> <p>MY RESULT: I have done customized application based on development platform. I was responsible for gathering requirements from customers, application design, development, testing. It was single page application (Angular 1.x, bootstrap, css, d3) with server-side on .NET + Systemorph platform (.NET, EF, SQL Server, Azure). As the result the first client got the version and a lot of improvements (additional features) to run his business using this application.</p> <p>Team of 1 developer + 3 analysts + team of core developers and testers. (Remote work)</p>
<p>EMPLOYMENT PERIOD DEC 2010 – JUL 2016</p> <p>COMPANY NAME/ORGANIZATION Unwind Technology</p> <p>POSITION Senior Software Developer, Database Developer</p>	<p>PROJECTS/ PARTICIPATION/ TOOLS AND TECHNOLOGY/ RESULT</p> <p>PROJECT: Order, equity management system: WCF, .NET Framework 4.0, Entity Framework, LINQ, SQL Server 2008, unit tests, Win Forms, DevExpress, design patterns, ClickOnce, Postsharp, Autofac, NLog, TFS, SQL Server Profiler.</p> <p>MY RESULT: I have done refactoring a part of server application (order routing sub system). It caused the performance improving in 3 times. I have designed and implemented a lot of sub modules of order management application (server, client side, database): reporting, system process</p>

synchronization manager, multithreaded invocation pattern (actor). I have experience of investigating and fixing of system bottleneck, issues such as: database (Sql server) deadlocks, query timeouts, long running queries, index tuning.

Team of 2 developers, 2 testest, PM. **Work at office and remote.**

EMPLOYMENT PERIOD
FEB 2010 – DEC 2010

COMPANY
NAME/ORGANIZATION
Vogster Entertainment
<http://www.vogster.com>

POSITION
**Senior Server Developer,
Database Developer**

PROJECTS/ PARTICIPATION/ TOOLS AND TECHNOLOGY/
RESULT

PROJECT: Crime Craft MMO Shooter: WCF, .NET Framework 3.5, multithreading, SQL Server 2008, Win Forms, design patterns.

MY RESULT:

I have implemented server-side module to improve application server and database operations collaborations and synchronization processes. Also I have added new functionality to a game editor for level designers. Also some game modules were implemented (server side).

Team of 4 developers, testers, 5 game designers, **work at office**

EMPLOYMENT PERIOD
JUN 2007 – JUN 2008

COMPANY
NAME/ORGANIZATION
Frayman Group
www.fraymangroup.com

POSITION
**Architect, Web Software
Developer, Database
Developer**

STARTUP!

PROJECTS/ PARTICIPATION/ TOOLS AND TECHNOLOGY/
RESULT

PROJECT: Specialized intranet front-end ASP.Net web application for attorneys.

PARTICIPATION: team of 6 persons

TOOLS AND TECHNOLOGY: ASP.NET 2.0, AJAX, XML, XSLT, Web Services, WWF, unit tests, CVS, .NET Framework 2.0, 3.0. SQL Server 2005, NHibernate, Jira bug tracker, SSIS (DTS).

MY RESULT:

I have completed database design, implementation, and maintenance, design and implementation of ASP.Net application modules: integration with external services, data listing, data and business layer components.

Team of 4 developers and PM, **work at office**

EMPLOYMENT PERIOD
JUL 2005 – AUG 2006

COMPANY
NAME/ORGANIZATION
CQG
www.cqg.com

POSITION
**Database Administrator,
Database
Developer, .NET
Developer**

PROJECTS/ PARTICIPATION/ TOOLS AND TECHNOLOGY/
RESULT

PROJECT: Trading system database. Maintenance of product and development databases, development, inspection, check-ins, testing

PARTICIPATION: team of 4 persons

TOOLS AND TECHNOLOGY: T-SQL, SQL XML Bulk load, C#, Enterprise Architect, Power Designer, NUnit, test-driven development, Personal Software Process, many internal tools.

MY RESULT:

I have completed automation of check-in process for using over the team (it saves time up to 400%), resolved some issues to improve database data loading process, and completed many code inspections, investigations, defects and suggestions. I worked according to PSP (harvesting metrics and so on).

Team of 3 database developers, devops, PMs, no testers at all. **Work at office.**

Hobby: [photography](#).