**Alex P.**

Senior-level .NET Developer

Systems Architect

# Skills

**Key**

C#, ASP.NET MVC, ASP.NET Web API, IoC, Entity Framework (Code-first, Database-first), WPF, Windows Forms, Windows Phone, WCF, Windows Services, Web Services (REST, SOAP), SOA, Microsoft SQL Server, T-SQL, IIS, Object-oriented programming, Object-oriented design, Design patterns, Mercurial, Git, SVN, TFS, MongoDB,

requirements gathering, technical documentation, software design, database design, architecture design

**Secondary**

Java, Java Servlets, Xamarin, Node.js, Express.js, PostgreSQL, MySQL, Canon EDSDK, Javascript, AngularJS, Apache, nginx, Cassandra, Memcached

# Education

**Siberian State University of Telecommunication and Informatics, Novosibirsk**

2007-2012

Software for Computers and Automated Systems

**Work Experience**

**4 years**

**Magora Systems, Novosibirsk**

2015 - Now

Systems architect

Responsibilities:

- Software architecture design;

- DB design;

- Communications between dev team, managers and customers;

- Software development documentation;

- Cross-department meetings;

- Development of the critical parts of the software;

- Development of productivity tools for dev team.

**Magora Systems, Novosibirsk**

2014-2015

Senior-level .NET Developer

Responsibilities:

- Development of web apps using ASP.NET MVC and Node.js;

- Development of desktop apps using Windows Forms, WPF;

- Development of WCF services and Windows services;

- Analysis, workflow and task estimation;

- Database design;

- Software design;

- Team management.

**Magora Systems, Novosibirsk**

2012-2014

Standard-level .NET Developer

Responsibilities:

- Development of web apps using ASP.NET MVC and Node.js;

- Development of desktop apps using Windows Forms, WPF;

- Development of WCF services;

- Development of mobile apps using Windows Phone SDK and Xamarin (MonoDroid, Monotouch).

**Magora Systems, Novosibirsk**

2012-2012

Junior-level .NET Developer:

Responsibilities:

- Software development;

- Bug Fixing.

**Notable Projects:**

**Condition monitoring system**

System for real-time monitoring of railroad hardware with issue tracking. The system processes a huge amount of real-time data, analyzes it and builds reports about hardware statuses. Technologies used: .NET, ASP.NET MVC, SignalR, WCF, Windows Services, MS SQL Server, MS SQL Server Reporting tools, Quartz.NET.

**Photobooth**

Desktop application with Canon EOS cameras integration. This app allows making photos, flipbooks and short movies. Also user can apply custom photoframes and Instagram-like effects to the photos. There were two releases of this app. Technologies used: .NET, WPF, Canon EDSDK, P/Invoke, ImageMagick.

**Global Process Analysis System**

This system is proposed to collect process data at local sites and push this into a multi­tenanted cloud datastore. Users will be able to access this data from various APIs, Charting tools and spreadsheets. Additionally customers may approve for 3rd parties to also have access to their data or the 3rd parties may provide cloud based tools to enable customers to conduct analytics. The critical factors concerning this project are: security is critical and Extreme throughput. Each customer would have between 1,000 and 1,000,000 data points Each data point would update between once every second to 60 seconds. Technologies used: Node.js, Cassandra, ExtJS, MySQL, Redis, WCF, WPF.

**Hardware reliability monitoring**

The system’s objective was to monitor hardware reliability, analyze statistics and send regular reports. The main challenge was to make the software handle enormous volumes of data received from numerous transponders which had been installed on the rails. Technologies used: .NET, ASP.NET, Windows Services, MS SQL Server, T-SQL, Quartz.NET.

**Real User Monitoring**

RUM is a bundle of tools that allow to gather, to aggregate, to store and to represent performance data and statistics of web pages, such as different load time, user’ OS, device and browser, country, etc. In other words, an analogue of Google Analytics. Technologies used: Node.js, Express.js, MongoDB, Memcached, Highcharts, Java.