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## SERGEY POSOSHENKO

571-485-0780

posox2000@gmail.com

21633 Kings Crossing Tr.  
Ashburn, VA  
20147

### Profile

More than 20 years of experience as a Software Engineer in developing and supporting of desktop and web applications.

11 years of Web development in .NET, JAVA, JQuery, AJAX, JSON, XML, ORACLE environment.

8 years .NET application development experience; C#, VB.NET, MVC, WPF, WCF, ADO.NET, Entity Framework (EF) .

7 years Web development on Perl, PHP, Java Script.

4 years JAVA Spring boot development, JHipster, Angular 4 and REST microservices .

Multi-tiered applications support.

Experience in heterogeneous network environments.

Work well independently or as part of a team.

Strong communication and interpersonal skills, hard worker, good team player, bilingual

### Experience

#### **Sr. Software Engineer, Pyramid Systems, Fairfax, VA — 2018–Present**

- Developed AWS based JAVA Spring API to support Salesforce FrontEnd;
- Designed Javascript components for communication with JAVA API.
- Designed and Implemented Configuration, Appointment Detail, Verify, Encounter Processing and Reporting WCF Services for Biometric Data Collection application by utilizing EF, Autofac, AWS SQS and S3 services.
- Implemented new and improved existing Windows Services. These services were used for initial data processing with data received from ESB Queue, and for receiving final data processing confirmation from partner services (CPMS).
- Improved UnitTest code coverage with MOQ framework and Sonar Cube.
- Created new and update existing PowerShell scripts for deployment and server maintenance.
- Supported Production deployments.
- Troubleshooting and resolving production related issues.
- Monitoring application activity with NewRelic, Splunk, Postgress DB .

#### **Sr. Software Engineer, CALIBRE Systems, McLean, VA — 2016–2018**

- Designed and implemented user configuration request acceptance page.
  - Developed Angular 4 pages for processing uploaded data from barcode scanner devices.
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- Prototyping REST micro microservice application for automated upload process from barcode scanners to the web application.
  - Develop new JAVA Springboot Single Page Web application using Angular 4 framework to replace existing .NET based application.
  - Quick prototyping REST microservices based on JHipster platform.
  - Maintain and improve legacy USCIS DHS web application.
  - Evaluate frameworks and create prove of concept applications for upgrading existing solution.
  - Created a power shell script for automating build process with JENKINS, MSTEST and MSBUILD.
  - Implemented CI/CD process for .NET application.
  - Refactored Data Layer of existing application.
  - Implemented nugget package management to existing .NET solution, by splitting single GIT repository to independent parts and host binary packages in NEXUS repository.
  - Bug fixing and supporting WebForms application.
  - Extending and developing new ORACLE stored procedures and packages.
  - Preparing .NET solution for future cloud migration.

**Sr. Software Engineer, Target Labs Inc., McLean, VA — 2014-2016**

- Contractor for Bloomberg BNA, Cristal City;
  - Migrate existing .NET web application from WebForms to MVC pattern. This project based on MVC Framework version 5, utilizing Razor syntax and Backbone JS functionality.
  - Upgrade current UI of Shopping cart application to match style and fill of updated main web site. Pages used extended CSS functionality (provided by vendor) and jQuery along with vanilla JS.
  - Extend and support Shopping cart application for bna.com website.
  - Designed and implemented Email generation system to provide extended instructions to the customers based on type of product they purchase. (Online Webinar, Live event, subscription)
  - Developed REST Webservice to pass data between two applications, web site based on Ektron CMS and Store Management system supported by Oracle DB.
  - Designed and create service application to collect and process RSS data out of CMS to present related product. Application utilize Ektron CMS API to navigate and retrieve content from CMS.
  - Developed and integrate into existing Castle Windsor IOC infrastructure, web service agent to extend functionality of Shopping cart to provide services from new vendor.
  - Created customer support form to provide uniform experience across number of different products.
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### **Sr. Software Engineer, Xceed Technologies, Reston, VA — 2007-2014**

- Designed and implemented tiles server application for support javascript and SilverLight MAP interface based on google and bing map APIs.
- Extend current implementation of WCF web services to support JSON format.
- Developed application to collect statistical information from public Twitter API and Google Map.
- Implement number of WCF and RIA web services to support current SilverLight application and create balanced solution.
- Migrated current application to SilverLight 4.0 platform.
- Developed chart based web UI (ComponentOne Chart SilverLight component, amChart, Infragistics Charts)
- Created prototype, implemented and integrated into current system BING Map TileServer.
- Designed and implemented Java Script based (EXTJS, AJAX,JSON,SVG,XML,ORACLE) web GEO application. This application utilizing wide range of EXTJS components and functionalities as “tree view”, “grid with paging , filtering and grouping abilities”, “tab panels”, “pop-up” and “slidable” windows. Server side components build as based on .NET 3.0 WCF web services. Oracle Exadata server is application DB storage system.
- Supporting and extending SVG functionality of existing web application. This application manipulating more than 1000 of different objects on the map to provide smooth and easy data visualization.
- Designed and implemented incoming data preprocessing system.
- Extended current web application based map interface functionality (.NET 1.1, SVG(Scalable Vector Graphics), AJAX, ORACLE)
- Developed ORACLE stored procedures as part of business logic to provide scheduled data processing as well as procedures to provide output to the Report system.
- Developed standalone application for data overlapping calculation. Application retrieves data from ORACLE Database (about 32 millions records)
- Designed and developed new application web interface based on EXTJS library. This interface utilized “Drag and Drop” functionality and implemented small widget concept in web application. (Java Script, C#)
- Supporting and extending existing VB applications

### **Education**

Rostov State University, RUSSIA — B.S. in Physics and EE, 1992

### **Skills**

**Languages:** C#, Angular, Java Script, Type Script, JQuery, Bootstrap, Knockout JS, Backbone JS, AngularJS, Node.js, T-SQL, PL-SQL, Perl, PHP, JAVA, Spring, Hibernate.

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**Databases:** Oracle, MySQL, MS SQL Server, Postgress SQL.

**Web/Application Servers:** IIS 7, Apache .

**CI/CD:** OpenShift, Docker, Jenkins, Sonar Cube.

**Source Control:** GIT, Subversion SVN, JIRA, Jenkins.

**Work status:** US Citizen.

**Clearance Level:** Public Trust (USCIS).

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