

Vitaliy Shilov

Software Developer with Oil Industry Experience

Houston, TX - Email me on Indeed: [indeed.com/r/Vitaliy-Shilov/8405b1dbe0099c49](https://www.indeed.com/r/Vitaliy-Shilov/8405b1dbe0099c49)

- Bachelor of Science in Computer Science
 - Over 6 Years of Professional Software Development Experience
 - Proficient in C#, WPF, SQL, HTML5, JavaScript, TypeScript, and Angular2.
- Authorized to work in the US for any employer

WORK EXPERIENCE

Software Developer

Interactive Network Technologies (INT) - Houston, TX - October 2011 to Present

GeoToolkit JS(HTML5):

<http://www.int.com/products/html5-demo-gallery.html>

- Implemented ContourJS library. (Renders 2D elevation maps with faults)
 - Implemented Seismic Analysis library. (Spectrum analysis and frequency filtering)
 - Integrated Seismic Compression library into GeotoolkitJS.
 - Added new features, optimized performance, and fixed bugs.
 - Provided technical support to GeotoolkitJS users.
- (JavaScript, HTML5, CSS, GIT, WebStorm, Chrome, Grunt, Obfuscation, RequireJS)

GeoToolKit.Net(C#):

<http://www.int.com/products/geotoolkit/geotoolkit-components>

- Provided technical support to GeoToolKit.Net users.
 - Added new features, optimized performance, and fixed bugs.
 - Worked on a ClickOnce WellLog Application for Chevron.
 - Implemented WPF WellLog widget for Stimline.
- (C#, Win Forms, WPF, JavaScript, HTML, GeoToolKit.Net, JIRA, IIS, VSS)

Software Developer (Contractor from INT)

Kongsberg Oil & Gas Technologies Inc - Houston, TX - November 2012 to November 2013

Discovery Web:

No Drilling Surprises Console: <http://www.kongsberg.com/~media/KOGT/Images/2015/Real-Time%20Advisor/Technical%20Data%20Sheets/No%20Drilling%20Surprises%20Console.ashx?la=en>

- GeoToolKit.Net specialist for the No Drilling Surprises Console (NDSC)
 - Provided support for widgets that were build using GeoToolKit.Net
 - Participated in full SDLC for two of the following widgets:
 - Correlation Widget – for correlating log data across multiple wells
 - Depth over Time Widget – for estimating wasted time during drilling operations
- Cementing Console: <http://www.kongsberg.com/~media/KOGT/Images/2015/Real-Time%20Advisor/Technical%20Data%20Sheets/Cementing%20Console.ashx?la=en>
- Fixed complex GDI+ multithreading exceptions
 - Fixed rendering and logical bugs.
- (C#, Win Forms, GeoToolKit.Net, TFS, IIS, LINQ, Multi-threading, SDLC)

Software Engineer

Avanade - Houston, TX - June 2011 to October 2011

Cyber-Ark Enterprise Password Vault:

<http://www.cyberark.com/products/privileged-account-security-solution/enterprise-password-vault/>

- Created, filled out, and closed Maximo tickets for Cyber-Ark Vault issues.
- Communicated via phone, email, and messenger to clients all over the world.
- Used Cyber-Ark Vault client to create/manage privileged system/service accounts.

Dot Net Developer

Automated Systems Inc - Lincoln, NE - April 2010 to May 2011

iPortal: <http://www.asiweb.com/solutions/insite-iportal/>

- Provided support during website and database installs/upgrades at multiple banks
- Wrote SQL scripts to add functions, stored procedures, and tables to the database.

iDoc: <http://www.asiweb.com/solutions/insite-idoc/>

- Improved user interface in archive documents view.
- Split out multipage tiffs into individual tiffs when they were attached to documents.

iTeller: <http://www.asiweb.com/solutions/insite-iteller/>

- Added user-defined fee structures to iTeller, this enabled banks to seamlessly integrate transactions dealing with both (products and associated fees) into iTeller.
- (ASP.NET, C#, SQL, AJAX, DNN5, SSRS, XML, DNN5, Crystal Reports, Unit Tests)

Software Developer (Contractor from INT)

Schlumberger - Katy, TX - March 2016

WIRT:

- Showed client how to properly use GeotoolkitJS in their applications.
 - Made many improvements to client's Angular2 GeotoolkitJS wrapper module.
 - Researched optimal state management framework for GeotoolkitJS with angular2.
 - Upgraded toolkit version, fixed typescript header files, and fixed documentation.
 - Implemented custom tools and visuals in log display widget.
- (JavaScript, TypeScript, Angular2, rxjs, ngrx-store, WebStorm, VSTS)

EDUCATION

University of Florida - Gainesville, FL

2005 to 2010

SKILLS

Javascript, HTML5, C#, WFP, TypeScript, Angular2

AWARDS

Valedictorian

AP Scholar with Distinction

Bright Futures Scholarship

Kiwanis Club Scholarship

Youth Exchange Scholarship

Junior Marshal

Presidents Education Award for Outstanding Academic Achievement