



We do our work to let you do yours



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Aimprosoft is a Ukrainian software development company headquartered in Kharkiv, Ukraine. A history of the company goes back to 2005 a year when it was established. A customer-centric approach has grown us into a solid team of professionals which provides dedicated resources of the highest qualification.

Customers challenges associated with software development on Liferay, Alfresco, and Hybris platforms have assigned our primary business expertise in many respects. Since the early beginning, we had enhanced our baggage with modern technologies to make one step ahead. A multidisciplinary portfolio ensures us as a reliable and trusted software partner served for Healthcare, Media, e-Commerce, Travel & Local, Financial, Telecommunications, Productivity, IoT, and other industries.

## Services

Either a small company or a large enterprise, we interact closely with each of our clients to create a product that will work.

A list of technologies we offer for niche enterprise and non-enterprise needs is:

- Java development;
- Liferay portal development;
- Alfresco DMS development;
- SAP Hybris development;
- Web application development;
- Frontend development;
- Custom software development;
- Database development;
- Quality Assurance;
- Software engineering;
- IT consulting.

## Staff

Our team consists of more than 150 senior level members of software developers, PMs, team leads, QAs, and UI/UX designers. The biggest pool of Liferay and Alfresco developers in Ukraine is gathered at Aimprosoft.

The staff has over 10 years experience working with customers from Europe, USA, Canada and the Middle East. Each member of our team is always ready to apply his knowledge and skills to cope with any issue and overcome all limitations during the process of development. Proven knowledge of technical English ensures a right communication and task accomplishment.

Our dedicated teams have released hundreds of business applications for Healthcare, Media, e-Commerce, Travel & Local, Financial, Telecommunications, Productivity, and others.

# Aim

We are customer-centric. It follows that our primary aim is to be fully ensured that everything is delivered to our clients in due time, strictly within a budget and keeping the highest level of quality. At Aimprosoft, we take a professional attitude towards the way we do our work and business.

Dedication, niche expertise, and innovation are the keystones of our business philosophy. You can benefit from the latest technologies and get your idea done.

# Clients

Collaboration is more than a word. It is a principle of synergetic work with companies from various fields of activity.



# Technical Expertise

We use carefully selected and industry-proven technologies, methodologies, and processes to secure the quality of our services.

Our core technology competencies include:

- Web Development;
- Databases development;
- Java Development;
- Android Development;
- iOS Development;
- Alfresco Development;
- Liferay Development;
- QA.

## WEB DEVELOPMENT

- HTML4, HTML5, XML, XSL, XHTML, JSP, JSF;
- HTML5: audio/video tags and events, File API, History API, Canvas/WebGL;
- Liferay, Alfresco, Hybris;
- Modernizr;
- Velocity;
- FreeMarker;
- CSS2, CSS3;
- SASS;
- LESS;
- Compass;
- Bootstrap (2.x.x-3.x.x);
- Boilerplate;
- JavaScript;
- jQuery, jQuery UI, jQuery Mobile;
- AJAX;
- JSON;
- YAML;
- AngularJS;
- CanJS;
- BackboneJS;
- EmberJS;
- GruntJS, GulpJS;
- NodeJS;
- ExpressJS;
- SailsJS;
- CoffeeScript;
- Bower;
- YUI, AUI;
- JS test tools: Karma, Protractor, Jasmine, Mocha, Chai;
- Solving cross-browser compatibility issues;
- Handlebars, Mustache, Dust, EJS;
- Design: responsive, adaptive, email;
- W3C Valid XHTML 1.0 Strict;
- JW Player;
- VideoJS;
- Highcharts;
- Different carousels and sliders;
- Scriptaculous (PrototypeJS);
- JS plugins: dynamic trees with lazy loading, datepickers, validation, history, HTML5 History, JSON Processor;
- JSON Processors, sliders, drag-and-drop UI components, galleries and carousels, tabs, autocomplete, fileuploading;
- Maps: Google Maps, OpenStreetMap, OpenLayers;
- Flash: video/audio (FlowPlayer, JW Player), uploading (SWFUpload, Uploadify etc.), viewer (FlexPaper), custom flash components;
- WordPress;
- UX and Visual Design: Sketch, Balsamiq, Affinity Designer, Affinity Photo, Adobe Photoshop, Adobe Illustrator.

## DATABASES

- SQL databases: Oracle, MS SQL, DB2, MySQL, PostgreSQL, etc.;
- NoSQL databases: MongoDB, Cassandra, CouchDB, Redis, HBase, Riak, DynamoDB, etc.

## JAVA DEVELOPMENT

- CMS and portals: Liferay, Alfresco, Netkernel, Hybris;
- Web container and AS: Tomcat, Jetty, JBoss, GlassFish, Netty;
- SSO: CAS, OpenSSO, JOSSO, Keycloak;
- Web: Servlets, JSP, EL, JSTL, Custom tags, Filters, Listeners, Portlets (JSR-168, JSR-286);
- Databases: MySQL, PostgreSQL, H2, HSQLDB, MS SQL, Oracle, DB2;
- Cloud: Amazon EC2, Amazon S3, Google App Engine, Heroku, Modulus;
- LDAP: OpenLDAP, Active Directory;
- Apache Commons framework stack: BeanUtils, Collections, DBCP, IO, FileUpload, Lang, Digest, Math, Guava;
- Spring Framework stack: Core, Context, Utils, Transaction, AOP, ORM, JDBC, OXM, Batch Processing, Web, Security, Integration;
- ORM frameworks: Hibernate, Envers, DataNucleus, Spring Data (JPA, MongoDB, Redis, REST etc.), JPA Generic, JDO Generic;
- MVC frameworks: Struts, Struts 2, Spring MVC 2, Spring MVC 3, JSF, Mojarra, ICEFaces, GWT, custom (generic and based on existing ones);
- XML frameworks: org.w3c, Xerces, JDOM, DOM4J, Xalan;
- .NET Framework: Commons Net, Commons VFS, HttpClient, HtmlUnit, edtFTPj;
- Logging frameworks: Log4j, Log4j2, SLF4J, logback, JUL, Commons Logging;

- Custom JVM languages: Groovy, Scala, BeanShell;
- JSON processing: Flexjson, Jackson, Gson;
- XML processing: PDFBox, iText, POI, ODFKit ;
- Report engine: Tika, Solr, Elasticsearch;
- Web Services: Axis, Axis2, XML-RPC, JSON-RPC, Generic SOAP, jUDDI;
- Security: SSL, Spring Security (including ACL, OAuth 1/2 etcю), JCE;
- Validation: OVal, JSR 303;
- Other: Ehcache, Hazelcast, Infinispan;
- Third-party integrations with Java: FFmpeg, SWFTools, ImageMagick, OpenOffice, Grails, JNIWrapper;
- Big Data: Spark, Hadoop, Hive.

### Java Tools

- IDE: IntelliJ IDEA, Eclipse;
- Version control: SVN, Git, Mercurial, CVS;
- Build tools: Ant, Maven, Gradle, SBT;
- Bug tracking: Redmine, JIRA, MantisBT, Bugzilla, Pivotal Tracker, Assembla, Zoho;
- Test tools: NGUnit, JUnit, Selenium WebDriver, Sauce Labs, BrowserStack, TestingBot;
- Profilers: JDK Generic, JProfiler;
- Remote access: Webmin, RDP, SSH, SFTP/FISH.

## .NET DEVELOPMENT

- ASP.NET MVC;
- ADO.NET;
- Web API;
- Entity Framework 6;
- Log4net;
- MySQL;
- jQuery;
- SOA;
- Azure;
- MS SQL;
- WCF;

- SignalR;
- Ninject;
- AutoMapper;
- OWIN;
- ASP.NET Identity;
- Gulp;
- AngularJS;
- Microsoft Dynamic CRM;
- WPF;
- PostgreSQL.

## ANDROID DEVELOPMENT

- Android OS: 4.0 and higher;
- ORM framework: ORM Lite;
- Database: MySQL, SQLite;
- Apache Commons framework stack: Collections, IO, Lang;
- .NET Frameworks: Spring for Android, Volley, HttpClient, OkHttp;
- JSON Processing: Flexjson, Jackson, Gson, standard Android API;
- PDF and office documents processing: PDFJet, MuPDF, Apache POI, iText, PDFBox, qPDF Toolkit, Opencsv;
- Dependency injection frameworks: RoboGuice;
- Tools/APIs: AndroidAnnotations, Google Play Services, Google Maps, Google Cloud Messaging, Android Support Library, Google Guava, Wearable API, Samsung Digital Health SDK, Google Directions API, Google Places API, Google Nearby API, Design Support Library;
- Social integration APIs: Facebook, Twitter, Google+, LinkedIn, Pinterest, VKontakte.

### Android Tools

- IDE: IntelliJ IDEA, Android Studio, Eclipse;
- Version control: SVN, Git;
- Build tools: Ant, Maven, Gradle;
- Bug tracking: Redmine, JIRA.

## IOS DEVELOPMENT

- iOS: 9.0 and higher;
- EOM Frameworks: CoreData;
- Database: SQLite;
- Apache Commons framework stack: Collections, IO, Lang;
- .Net Frameworks: AFNetworking, HttpClient;
- JSON Processing: SwiftyJSON, JSONModel;
- PDF and office documents processing: PDFKit, iOS PDF Reader Core, OpenCSV;
- Tools/APIs: CocoaPods;
- Social integration APIs: Facebook, Twitter, Google+, LinkedIn, Pinterest, VKontakte.

### iOS Tools

- IDE: Xcode;
- Version control: SVN, Git;
- Bug tracking: Redmine.

## ALFRESCO DEVELOPMENT

- Clustering;
- Dynamic ACL;
- Custom space stores;
- Alfresco SOLR customization;
- Custom Alfresco Web Client based on REST API;
- Extending core Alfresco logic (server side);
- Tenancies;
- Custom models, aspects;
- Configuration CMIS;
- Extending transformation mechanism;
- Third-party applications integration with Alfresco;
- Custom repository scripts;
- Custom rules;
- Schedulers;
- Extending Alfresco data load mechanism (data load from other sources like FTP);
- Extending Alfresco export/import mechanism;
- Custom workflows (Activiti);
- Bidirectional integration Alfresco and Liferay;
- SSO (JOSSO, OpenSSO, CAS);
- Custom roles, permissions;
- SharePoint Protocol;
- Custom Alfresco authentication subsystems;
- JMS third party library.

## ALFRESCO SHARE

- Spring Surf;
- Etherpad integration;
- EtherCalc integration;
- Extensions mechanism;
- Alfresco default themes customization;
- Custom Web Scripts;
- Custom actions;
- Extending search functionality;
- Extending file/folder menu items;
- Custom faceted search (Alfresco 5.0 and less);
- Developing dashlets;
- Developing custom Web Scripts;
- Adding and editing pages/layouts;
- Adding a search option to the Document Library;
- Alfresco Calendar functionality enrichment;
- Adding custom roles and changing default templates; with respect to roles;
- Third party integration (Zimbra);
- Alfresco forms customization;
- Custom Actions on Document Preview page;
- FlexPaper integration;
- JavaPowUpload integration;
- Building UI based on Aikau.

## LIFERAY PORTAL

- We have been developing on Liferay Portal starting with version 3.6 for more than 11 years.
- Our team has a huge experience in portlet development, customization, configuration, and deployment of Liferay Portal solutions.
- A team of 10 developers specializing in Liferay themes has developed more than 300 projects for various Liferay versions using HTML5, CSS, JavaScript, AJAX, Bootstrap, etc.
- A wide variety of databases was matched with Liferay Portal: Oracle, MS SQL, MySQL, PostgreSQL, etc.
- Portlets with ReactJS, AngularJS 1-2, CanJS, plain jQuery as well as Struts 1-2.x, Spring, IceFaces, PrimeFaces, Hibernate and many other frameworks are used with Liferay to build solutions.
- We help enterprises to set up a document management of good quality integrating Liferay Portal with Alfresco.

## HYBRIS DEVELOPMENT

- Hybris 5.5 and higher;
- B2B Accelerator;
- Paymetric Hybris B2C addon;
- Data Hub data migration;
- Back Office addons development;
- CMS component addons;
- Hybris theme customizations;
- SAP PI (orders, accounts, products, conditions);
- SAP PO (orders, accounts, products, conditions);
- SAP ERP (orders, accounts, products, conditions);
- MySQL (Amazon RDS);
- ProcessWeaver integration;
- Spring;
- Spring MVC;
- Spring Security;
- Spring Integration;
- Axis;
- Solr: custom Hybris search;
- jQuery;
- Bootstrap;
- Oracle (Amazon RDS);
- ImpEx (export/import/search);
- CMS Cockpit (setup/configuration/extension);
- Admin Cockpit (setup/configuration/extension);
- Product Cockpit (setup/configuration/extension);
- Ad hoc Hybris indexers/searches for Solr;
- Hybris Jobs (standard and custom development).

## QA FOR DESKTOP, WEB AND MOBILE APPLICATIONS

- Test cases design;
- Test execution;
- Test analysis;
- Bug reporting.
- **QA automation tools**
- Selenium 2 (WebDriver);
- Selenium Grid;
- JUnit;
- TestNG;
- Serenity;
- JBehave;
- Jmeter;
- Allure.

## PHP DEVELOPMENT

- CMS-based web applications;
- Web applications from scratch;
- Extending web application functionality;
- Extending CMS-based web applications with custom plugins/modules;
- Web application integration with online services;
- Servers: Apache, NGINX, IIS;
- Languages, libraries: PHP (5.6, 7), PEAR, PECL;
- Frameworks: Zend, Laravel, Symfony, Yii, CakePHP, CodeIgniter, Slim;
- CMS: WordPress, Moodle, Joomla, Magento, Drupal;
- DMS: MySQL, PostgreSQL, MongoDB, Redis;
- Project management: Redmine, JIRA;
- Layouting: W3 Valid HTML5, CSS3, Bootstrap, SASS, SCSS, LESS, JavaScript, jQuery, jQuery UI, AJAX, AngularJS, ReactJS;
- Template engines: Smarty, Jade, Twig;
- PHP tools: PHPUnit, phpDocumentor, Memcached, apiDoc;
- Continuous integration and delivery tools: Composer, Phing, Ant, Maven, Jenkins.

# Thank you for your time

And have a nice day!