



Elite Software R&D Services
Since 1990

Auriga Development Experience with JAVA&J2EE technologies

Overview

Since its foundation in 1990, Auriga has remained on the leading edge of creating innovative solutions and tackling new engineering challenges. Auriga's successfully completed project list includes more than 40 successful implementation of Java-based projects embracing the full life-cycle development of the J2EE CRM application and powerful content management end-to-end solution with a scalable e-Business platform.

Over the years Auriga has been attracting best Russia's top engineering talent, famous for their mindset for creativity. The company's engineers have accumulated a vast experience in

- Implementing multi-tier architectures based on J2EE technologies
- Supporting all major application servers in J2EE applications
- Using Java messaging service for implementing synchronous and asynchronous logic
- Implementing distributed architecture including XA transactions support for JDBC and JMS
- J2EE application clustering support
- Integration with all major databases: MS SQL Server, Oracle, DB2, Sybase, MySQL
- JSR 168 portals: IBM WebSphere Portal Server, LifeRay
- Development of Eclipse-based IDEs and components
- JVM porting, integration, and performance tuning
- JSPs / custom tag libraries / JSF / Tapestry for presentation
- Active Directory Single Sign On for web applications and LDAP support
- Third-party frameworks: J-Integra, OpenLDAP, Jakarta commons, etc.

Depending on the client's needs and wishes, Auriga can perform the full range of services in development, installation, troubleshooting, support and maintenance of all lev-

els of n-tier distributed software (back-end, middleware, front-end) and projects for large multinationals as well as for small start-ups.

Since 2006, Auriga's Training Center has been offering its customers a selection of training programs in several core programming technologies including Java programming.

Skills

Auriga engineers are experienced in using the following tools and technologies:

- J2EE
- EJBs
- JDBC, JMS, XA transactions
- Clustering
- JSPs / custom tag libraries / JSF / Tapestry / LWT/ AJAX
- J2ME
- XML/XSL/XSLT/XPath, HTML/DHTML/JavaScript
- Third-party frameworks: J-Integra, OpenLDAP, Jakarta commons, Jboss Cache, Log4J, Castor, Spring, Velocity, Tapestry, Hibernate, Slide, Crystal Reports, XF Rendering Server 2005, Aspose, etc

Project Samples

Web-Based CRM Application

Auriga participated in a full life-cycle development of a Web-based CRM solution for industries with technically complex products and services. The project scope included core platform and product development following J2EE standards and best practices, custom product implementations for end-clients, ongoing first-level and second-level support for end-clients and participation in the client's presale activities. Project was based on J2EE, J2SE, XML/XSL, HTML/JavaScript technologies. During the project current version of application was implemented and deployed for a number of Fortune-100 companies world-



wide, integration with third-party and legacy systems was performed. The application was certified for various application servers (IBM, BEA, Oracle, JBoss, Orion), various database management servers (MS SQL, Oracle, DB2) and different hardware and software platforms (Solaris, Linux, Windows). At present the ongoing development of next versions of the application is performed.

Enterprise Incentive Management Platform Certification

Auriga participated in certification of a new Compel business unit—Centive CompCentral, for various platforms, including Windows, Solaris and HP-UX. Centive CompCentral—is a powerful, highly adaptable, scalable enterprise incentive management J2EE platform that is designed for organizations with sophisticated performance-based variable compensation programs.

- Centive applications were installed, configured and tested on various hardware and software platforms
- Various execution Java errors were analyzed and either fixed via configuration efforts or submitted to Centive for fixing the code
- QA engineers achieved unstained excellence and stability in Centive CompCentral application on different configurations

Mobile Multimedia

Auriga's engineers team took part in the project for one of the worldwide mobile multimedia technology company. This project included:

- Development of a web application which provides full scale environment for editing complex objects from the repository
- Development of a back-end server application which provides an API for the repository achieving highest possible performance
- Database design of a large repository of variable hierarchy object structures focusing on performance

The development team met the tightest schedule and limited budget by applying the Agile Methodology.