

# VOYTEK JARNOT

## PROFESSIONAL EXPERIENCE

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### **10/2006 – Present    Enterprise Architect and Lead Developer**

*Maxwell AFB, Montgomery, AL*

- Enterprise architect: provide system architecture and software design solutions for all Air University automated information systems. Work with development team leads of four J2EE systems and one .NET system to ensure that appropriate architectural and design decisions are implemented in a manner consistent with the overall enterprise architecture I have designed.
- Interfaced the Air University enterprise with the following external systems: Blackboard, MilPDS, CivPDS, DEERS, GCSS Air Force Portal, AFVEC, and DIMHRS.
- Architected messaging middleware based enterprise service bus (ESB) solution to integrate Air University systems that had previously operated in a “stove pipe” fashion.
- Development team lead on the Air University distance learning portal. Responsible for requirements analysis, architecting, designing, and implementing a Java J2EE web application in support of all Air University distance learning educational programs.

### **10/2002 – 10/2006    Principal System Architect and Lead Developer**

*Maxwell AFB, Montgomery, AL*

- Technical lead responsible for requirements analysis, architecting, designing, and implementing Java J2EE STARS (Student Tracking And Records System) web application in support of Headquarters, Air University.
- Architect software according to J2EE design patterns and best practices, including technologies such as Enterprise Java Beans (EJB), Servlets, Java Server Pages (JSP), JSP Standard Tag Library (JSTL), and the Jakarta Struts framework.
- Design and implement J2EE software components to include tag libraries, JSPs, Struts components, Business Delegates, Data Access Objects, EJBs, Data Transfer Objects, and other supporting Java classes.
- Document system architecture and design utilizing Rational Rose to produce UML diagrams.

### **3/2002 – 10/2002    LOGTEC – Senior Systems Analyst**

*Gunter AFB, Montgomery, AL*

- Lead developer responsible for requirements analysis, architecting, designing, and implementing Java J2EE web application for PAMS (PMEL Automated Management System) and DCAMS (Deployable Consolidated Aircraft Maintenance System).
- Architected software according to established design patterns, including technologies such as EJBs, Servlets, JSPs, and the Jakarta Struts framework.
- Involved with project estimation, scheduling, and interfacing with Software Project Office. Given user requirements; developed hardware requirements for, and sourced, deployable server platform to support Sun Solaris and Oracle 9i.

### **2/2001 – 3/2002    LOGTEC – Principal System Engineer**

*Gunter AFB, Montgomery, AL*

- Key member of software development team architecting OLVIMS (On-Line Vehicle Information Management System) migration to a J2EE (residing on GCSS framework and Air Force portal) web application solution consisting of Oracle 8i, WebSphere 3.5, and Versata 5.1.
- Designed and implemented business rules and HTML client applications within Versata environment; utilizing both the Versata Studio and developing custom Java and HTML code. Developed Java extensions to the Versata Logic Server.
- Analyzed customer requirements, generated software design documents, and developed proof-of-concept prototype application.

**11/1998 – 1/2001 Performance Support, Inc. - Senior Web Engineer**

*Montgomery, AL*

- Served as lead developer of e-commerce and web-application solutions, duties included defining requirements, designing solutions, implementation, and testing.
- Designed and implemented multiple e-commerce sites utilizing and extending IBM's Net.Commerce and WebSphere on the RS/6000 platform. Developed custom software to extend the capabilities of the Net.Commerce system in the form of Java servlets, JSPs, C++ modules, Net.Data, and Perl scripts that interface with a DB2 database.
- Designed and implemented web-applications utilizing appropriate combinations of servlets, JSPs, PHP and Perl scripts, and ASPs with application data residing in DB2, MySQL, or Access databases.

**3/1995 – 11/1998 United States Air Force - Programmer**

*Gunter AFB, Montgomery, AL*

- Involved from the start in the modernization and consolidation of four legacy stand-alone COBOL systems to a client-server Oracle 8/Developer 2000 solution used to manage the Air Force fleet of over 150,000 vehicles (OLVIMS).
- Worked closely with functional analysts to develop software requirements according to a Capability Maturity Model level 3 Systems Engineering Process.
- Designed, developed, and tested screen and report layouts and logic using Oracle Developer 2000 2.1, instrumental in development of standard object library, team coding standards, and Software Design Documents.

**SUMMARY OF QUALIFICATIONS**

**Programming Languages**

- J2EE: Servlets, JSP, EJB, Struts, JSTL
- SQL, JDBC, Torque
- Perl, PHP, ASP, HTML, JavaScript
- C, C++, COBOL 74/85

**Development Tools**

- Eclipse, Ant, JDeveloper
- Rational Rose and Enterprise Suite
- WebSphere Studio, Versata Studio
- IBM VisualAge for Java, Sun JDK

**Software & Operating Systems**

- Oracle 9i, 10g, 9iAS, 10gAS
- Apache, Blackboard
- IBM WebSphere v3, v3.5; DB2
- Linux, AIX, HP-UX, Windows

**CERTIFICATIONS / TECHNICAL TRAINING**

- Sun Certified Java 2 1.4 Programmer
- Sun Certified Java 1.1 Programmer
- IBM Certified Net.Commerce Solutions Expert
- IBM Certified E-Business Solution Designer
- Versata Development
- IBM Net.Commerce v3 Implementation
- SQL/SQLPlus I and II, Oracle Forms I, II; Reports I, II

**EDUCATION**

1995 - 2002 Troy State University of Montgomery  
**Bachelor of Science: Computer and Information Science**

*Montgomery, AL*

- Magna Cum Laude