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Application Architect/Team Lead

Takes application from inception to production

OBJECTIVE

Application Architect (Solution Architect) position

SUMMARY

A highly-skilled, hands-on software architect with deep knowledge of SDLC, experience in team management and a history of successful implementations for market leaders such as CIBC, Direct Energy and Bell Canada.

Have expert knowledge of Java EE, .NET/C#, RDBMS/SQL, web applications and web services/SOA.

Led teams sized up to 20 people, including offshore teams.

Master Degree in CS (CAD/CAM systems and microelectronics)

SKILLS

- Extensive developer, team lead and architect experience
- Strong system analysis abilities
- Knowledge of all layers, from network and database to UI
- User requirements gathering and analysis, JAD sessions
- Domain, data and system modeling
- Project management exposure
- Good communicator

CERTIFICATIONS

SCEA Sun Certified Enterprise Architect (J2EE/Java EE)

SCBCD Sun Certified Business Component Developer (EJB3)

LATEST SUCCESSFUL PROJECTS

Client	Project	Description
Direct Energy	NOMAD SSO EBT GDAR TMS KPI ESB	Settlements: code review, security review, advisory role Single Sign-On: design and reference implementation Electronic Business Transactions: redesign Gas Distribution Access Rules: redesign Transaction Management: analysis and porting Key Performance Indicators: design and implementation ESB planning: analysis and evaluation
CIBC	CBB Horizon	Business Banking: analysis and design Financial Advisor tools
Bell	IPWAN	Order Management: design and implementation

CIBC 2009/08-2009/10 (J2EE Consultant, contract)

Project: Horizon

Supported migration of a major Swing-based application from Java 1.1.8 to Java 1.6. Identified a serious date handling problem which could cause incorrect mortgage/loan calculations, and implemented a simple non-intrusive solution for it.

DIRECT ENERGY 2007/05-2009/07 (Application Architect, contract)

Projects: TMS (Transaction Management), EBT (Electronic Business Transactions), GDAR (Gas Distribution Access Rules), NGSS/NOMAD (Settlements), SSO (Single Sign-On), KPI (Key Performance Indicators), RPT (Reporting Server), ESB planning, Commonlib2

Analyzed existing systems and planned a major upgrade and consolidation initiative. Re-designed existing framework to support application co-location. Streamlined and hardened transaction processing logic. Conducted JAD sessions with business users to gather and document use cases and functional requirements. Analyzed and documented non-functional requirements. Created business (conceptual) models and diagrams. Designed overall application structures and high-level class and component diagrams. Created UI wireframes. Provided reference implementations. Performed code and security reviews for internal and vendor code, advised on solutions for found XSS and SQL Injection vulnerabilities. Designed security framework. Evaluated and compared products and tools to be used in the perspective applications. Looked after applying of design guidelines and policies. Conducted training sessions.

CIBC 2005-2007 (Advisory Application Developer/Team Lead, contract)

Project: CBB Business Banking Re-platforming

Analyzed a legacy CORBA-based application with the intent to migrate it onto Java EE platform. Organized efforts of vendor's code reverse-engineering. Within a team, collected and documented required data model parts. Participated in JAD sessions. Documented explicit and implicit business rules. Evaluated possible approaches to the task, and suggested a multi-step migration path. Provided proof-of-concept implementation. Designed the core framework of the application. Re-designed some of the core modules, such as company life cycle. Conducted design sessions and performed code review. Created development guidelines.

BELL CANADA 2004-2005 (Sr. Developer, contract)

Project: IPWAN

Re-designed and optimized Vitria connector and related BPM adapters. Designed and implemented Siebel web-service connector. Trained junior developers. Mentored team of co-ops.

SKEVA TECHNOLOGIES 2004 (Sr. Developer, contract)

Project: UPCareOE/RefLab health care: JBoss, Oracle

DATAART 2003 (Application Architect, contract)

Projects: CRM, City Portal: Oracle OC4J, Oracle

Re-designed J2EE application to separate business logic from presentation code. Evaluated ORM solution (Hibernate) and implemented it. Introduced code quality management and regression testing. Performed group trainings on TDD.

ACTIMIND 2002-2003 (Sr. Developer, Application Architect)

Project: PanMedix: Weblogic, Oracle

Started as a regular developer, wrote critical parts of application tier (EJB) code (including credentials manipulation, access rights layer, external applications synchronization). Soon has been promoted into Application Architect position. Analyzed client requirements. Documented CRs and maintained requirements. Conducted design sessions. Documented user stories. Documented design in UML. Trained the personnel (pair-programming and presentations). Supervised code quality.

(Various companies) 1996-2002 (Developer)

Projects: Intranet applications suite, F-Secure plug-ins, OpenLDAP backend, Prospero DM

TECHNICAL KEYWORDS (SEO)

Java/J2EE: SpringFramework, EJB, JUnit, Ant, JavaORB, Weblogic, Websphere, Sun ONE, JBoss, OC4J, JDBC, EJB-QL, JPA, JAXB, JMS, MDB, JNDI, Hibernate, iBatis, Servlets, JSP, JSTL, Custom Tags, Tomcat, Struts, WebServices, WS-Security, SOAP, XML-RPC, SOA, Eclipse, GWT, Ajax **RDBMS/SQL:** Oracle, DB2, Interbase, PostgreSQL, MySQL, ERWIN **CORBA:** Orbacus, VisiBroker, TAO, JavaORB, GIOP/IIOP **C/C++:** GCC, aCC, Intel C++, Borland C++, Microsoft VC, Watcom, STL **Unix:** Solaris, HP-UX, Linux, BSD, AIX **Integration:** Vitria, Tibco, MQSeries **Toolset:** UML, Rational Software Modeler, Design Patterns, unit tests **.NET/Win32:** C#, DCOM, WPF **ESB:** Weblogic AquaLogic, Apache ServiceMix, Tibco Bus **SSO:** OpenSSO, SiteMinder **Security:** ActiveDirectory, JAAS, WS-Security, XSS, SQL Injection, Acegi, Spring Security **Web-Services:** JAX-WS, Axis, ESB **BPM:** Savvion, Tibco, Vitria **HTML:** DHTML, CSS, Javascript, AJAX **XML:** XSLT, Schema, DTD **Source Control:** CVS, SVN, Mercurial, ClearCase