

EDWARD SURYADI

OBJECTIVE

Seeking a full-time employment (no contract) as a Technical Lead or Solution Architect or Development Manager in East Bay or San Francisco, California.

EXECUTIVE SUMMARY

- Over 16 years of total professional experience in Java Application/System N-Tier Architecture, Design and Development using agile development methodology such as Rational Unified Process (RUP), Scrum, or Extreme Programming.
- Over 10 years of team leadership and management experience.
- Over 10 years of experience in designing enterprise software system, network, security and architecture.
- Over 10 years of experience in Service Oriented Architecture (SOA) and Distributed Components Architecture with Open Service Gateway Initiative (OSGi) framework, Enterprise Service Bus, Web Service (SOAP & REST), EJB Service, and Messaging Service.
- Over 16 years of Java programming experience using Java development framework such as Spring Framework, Enterprise Java Bean, JAX/Axis/Spring Web Service, RestEasy, JMS, Hibernate, iBatis, JSF Framework, Struts Framework, XMLBeans/JaxB, etc.
- Over 8 years of experience with Message Oriented Middleware (MOM) technology such Oracle Service Bus, IBM WebSphere MQ (a.k.a. MQ Series).
- Excellent management, leadership, mentoring, and communication skills.
- Excellent analytical, troubleshooting, and technical problem solving skills.
- Excellent project management skills such as resource planning, scheduling, estimating using tools such as Microsoft Project, Excel Spreadsheets.
- Excellent object-oriented analysis and design skills using Design Pattern and UML modeling using tool such as Visual Paradigm, Rational Rose, Visio.
- Excellent in technical writing and documentation skills.
- Excellent Relational Database and SQL skills (Oracle, MySQL).
- Excellent Web Scripting skills such as XML, HTML, CSS, JavaScript, JQuery, PHP, etc.
- Excellent Build and Deployment skills using Maven and Ant Build Script.
- Excellent Source Control and Change Management skills such as merging, branching, and tagging using SCM Tools such as SVN, CVS, Rational ClearCase, Harvest, etc.
- Experience in prototyping and working on proof-of-concept.
- Experience in business requirement gathering and writing functional and technical specification.
- Experience in Unit, Performance and Integration Testing skills using automation testing framework such as JUnit, Selenium, LoadRunner, etc.
- Experience in Java performance analysis using profiling tool such as JProbe, JProfiler, JMeter, etc and performance tuning (algorithm tuning, caching, sql tuning, etc).
- Experience with defect/bug tracking tools such as Rational Clear Quest, JIRA, BugZilla, etc.
- Experience with build automation tool such as Jenkins, CruiseControl, etc.
- Experience with Web Server such as Apache, IIS and Application Servers such as Oracle 11g Weblogic, Oracle Application Server, IBM WebSphere, JBOSS, and Tomcat.
- Experience working in Mac, Windows or UNIX/LINUX environment.

CAREER-RELATED EXPERIENCE

04/2009 to Present: DELTA DENTAL CALIFORNIA. San Francisco, CA.

Technical Specialist/Application Architect - Agile Application Architecture (A3) Team

- Main responsibility in leading the architecture design and development of A3 Cross-Plane Services (Web Service, Restful Service, EJB Service) and custom development frameworks such as A3 Cross-Plane service framework, exception handling framework, business rules framework, performance monitoring framework, etc. utilizing Spring framework.
- Supervise, manage and lead a team of Java developers on architecture framework and Cross-Plane service development projects.
- Design template abstract classes and interfaces according to design pattern (e.g. strategy, template, factory method, etc.) for Java developers to extend and implement.
- Design Object Data Model and Object Relational Mapping such as value object, business object, and entity object.
- Design build process, configuration, and deployment strategy such as identify number of server required, JVM heap size, data sources, configuration properties file, etc.
- Design common service security solution for web application authorization that integrates Oracle 11g Security framework (OPSS) with Microsoft Active Directory and Sun LDAP altogether.
- Design source control management process such as branching and merging.
- Do Proof-of-concept, presentation and demo on design and technical solutions.
- Prepare code baseline and initial configuration e.g. setup Maven directory structures, create Maven build script, setup initial Spring Context configuration file, Log4j configuration file, Hibernate and iBatis configuration file, etc.
- Re-factor and clean-up messy, tight-coupled and hard to maintain code or module.
- Assist Java developers by providing technical decision and solution on technical issues.
- Assist Automation tester in creating integration unit test and automation script in JUnit and Selenium.
- Assist business analyst to identify technical and functional requirement from business requirement.
- Define and assign development tasks to Java Developers and monitor progress status.
- Performs code review and assign defects to Java Developers.
- Do performance analysis and tuning such as caching, SQL tuning, algorithm tuning.
- Deliver final code and build to release engineering team.
- Prepare and Write design document, technical specification, best practices and development guidelines for Java Developers.
- Write development estimate, resource allocation and development progress report to Project Manager and Director.
- Analyze, troubleshoot and provide solution on production and maintenance issues.
- Evaluate and providing feedback to Java Developers during performance review.

Java Technology and Tool used in the project(s):

- **Development Framework:** Core Java 1.6, Spring Framework, OSGi Framework, Hibernate, iBATIS, EJB 3, JAX-WS, Apache Axis, RestEasy, JAXB, JUnit, EasyMock, Mockito, Apache Commons, Log4j, OSCache, Coherence Cache, Quartz, Oracle ADF, Lucene, Maven, Ant
- **Development Tool:** Eclipse, Oracle JDeveloper, Visual Paradigm, Visio, Subversion, Rational Clear Case, Rational Clear Quest, Microsoft Project, Jenkins, Confluence
- **Application Servers:** Oracle Application Server 10g (OAS), Oracle Application Server 11g (Weblogic), Oracle Service Bus (OSB).
- **Database:** Oracle RDBMS.

03/2002 to 04/2009: SURYADISOFT CONSULTING, INC. Vancouver, BC.

Independent Java Architect and Developer

- Conferred with clients to identify and document requirements, conduct business and technical studies, design, develop, write software programs and implement information systems business solutions, and provide advice on information systems strategy, policy, management and service delivery.

LIST OF PROJECTS AND CLIENTS:

05/2008 to 04/2009: Delta Dental California, San Francisco, CA.

- Worked on A3 development projects such as Eligibility and Benefits (EAB), Premier Fee Calculator (PFC), Electronic Integrated Voice Recognition (eIVR), Enrollment Management Access (EMA), etc.
- Designed and developed A3 Cross-Plane service component (Command, Facades, Business Services, and Data Access Object) with Spring Framework.
- Designed and developed A3 Cross-Plane web service with Apache Axis.
- Designed and developed A3 Cross-Plane Object Relational Mapping with iBATIS framework.
- Designed and developed A3 Cross-Plane Exception Handling Framework.
- Re-factored and cleaned-up messy and tight-coupled Java code and components.
- Wrote Unit-test code with JUnit and EasyMock.
- Analyzed, troubleshoot and fixed code defects on A3 Cross-Plane service components.
- Wrote Maven build script.

Java Technology and Tool used in the project(s):

- **Development Framework:** Core Java 1.6, Spring Framework, iBATIS, Apache Axis, JAXB, JUnit, EasyMock, Apache Commons, Log4j, OSCache, Quartz, Maven,
- **Development Tool:** Eclipse, Rational Clear Case, Rational Clear Quest
- **Application Servers:** Oracle Application Server 10g (OAS)
- **Database:** Oracle RDBMS.

02/2007 to 02/2008: ACCENTURE – Best Buy Technology Group, Burnaby, BC.

- Worked on Best Buy Canada Store Inventory Replacement (SIR) project.
- Designed and Developed Retek Store System (RSS) Web Application components and module such as creating JSP pages, Struts action servlets, Data Access component with JDBC, etc.
- Integrated RSS Web Application with EJB Service Components.
- Implemented RSS Web Application new change requests and enhancements.
- Analyzed, troubleshoot, and fixed code defects in RSS Web Application.
- Fixed RSS Web Application performance issue.
- Troubleshoot and fixed RSS Web Application security issues with OID.
- Wrote RSS Web Application Build and Deployment script with Ant.
- Advised and provided technical solution on application build, configuration, integration, deployment and security of RSS Web Application.

Java Technology and Tool used in the project(s):

- **Development Framework:** Core Java 1.4, Struts Framework, EJB 2.1, JSP, Java Servlet, HTML, JavaScript, Apache Commons, Log4j, Ant
- **Development Tool:** Eclipse, TOAD, CVS, Cruise Control
- **Application Servers:** Oracle Application Server 10g (OAS), OC4J, OID.
- **Database:** Oracle RDBMS.

07/2006 to 01/2007: CGI, Victoria, BC.

- **Ministry of Health Project:**
 - Worked on development and maintenance of Ministry of Health Web Application such as Health Network (HN-Web), Java Message Broker (JMB), Chronic Disease Management (CDM), and Secure File Delivery Service (SFDS).
 - Designed and Developed Web Application components and module such as creating JSP pages, Java Servlet, Data Access component with JDBC, etc.
 - Developed Web Services wrapper for the existing web component with Sun Java Web Service Development (JWSDP) Pack framework.
 - Implemented new change requests and enhancements on the Web Application.
 - Troubleshoot and fixed code defects.
 - Re-factored and cleaned-up tight-coupled Java code.
- **Ministry of Forest Project:**
 - Designed and developed FSP (Forest Stewardship Plan) web application using Struts Framework
 - Designed and developed persistence layer with Web ADE Framework.
 - Designed and developed FSP back-end store procedures with Oracle PL/SQL.
 - Unit Tested FSP Java code and Oracle PL/SQL code.
 - Designed and developed MoF WASTE Batch Process with Web ADE Task Manager.

Java Technology and Tool used in the project(s):

- **Development Framework:** Core Java 1.4, Struts Framework, JSP, Java Servlet, JWSDP, HTML, JavaScript, Apache Commons, Log4j, Oracle PL/SQL, Ant
- **Development Tool:** IBM RAD, TOAD, CVS, Harvest, Mercury Test Director
- **Application Servers:** IBM WebSphere Application Server
- **Database:** Oracle RDBMS.

09/2005 to 06/2006: MAXIMUS HEALTH BC, Victoria, BC.

- Worked on the new design and development of British Columbia Medical Service Plan (MSP) and Fair PharmaCare project.
- Designed and developed EJB Service components that send and gets data from IBM CICS Mainframe and IBM MQSeries to Oracle Service Bus.
- Created Enterprise Service Bus (ESB) service adapter components that allow Web Application to access data in the legacy Mainframe system with Oracle Integration Interconnect Service Bus.
- Designed ESB message orchestration with Oracle Workflow.
- Worked on Java Server Faces proof-of-concept as a technology choice for web application development framework.
- Wrote build and deployment script with Maven.
- Created UML diagram with Together Architect.
- Wrote technical and functional specification of the service component.

Java Technology and Tool used in the project(s):

- **Development Framework:** Core Java 1.4, Spring Framework, EJB 2.1, Java Server Faces, JMS, Apache Axis, XMLBeans, Java Socket, Log4j, Oracle Workflow, Maven
- **Development Tool:** Eclipse, Together Architect, Microsoft Visual Source Safe
- **Application Servers:** Oracle Application Server (OAS), JBOSS, Oracle Integration Interconnect, IBM MQSeries
- **Database:** Oracle RDBMS.

12/2004 to 09/2005: IBM Canada, Victoria, BC.

- Worked on development and maintenance of Ministry of Health Web Application such as Secure File Delivery Service (SFDS), Chronic Disease Management (CDM), Provider Registry System (ORS), Health Network (HN-Web) and Hospital Out Of Province Claim (HOOPC) Web Application.
- Designed and Developed Web Application components and module such as creating JSP pages, CSS, Java Servlet, Data Access component with JDBC, etc.
- Implemented new change requests and enhancements on the Web Application.
- Troubleshoot and fixed code defects.
- Wrote unit test code with HttpUnit and JUnit.
- Wrote ANT build script.

Java Technology and Tool used in the project(s):

- **Development Framework:** Core Java 1.4, JSP, Java Servlet, HTML, CSS, JavaScript, Log4j, Oracle PL/SQL, Ant, HttpUnit, JUnit
- **Development Tool:** IBM WSAD, TOAD, CVS, Harvest, Mercury Test Director
- **Application Servers:** IBM WebSphere Application Server
- **Database:** Oracle RDBMS.

08/2004 to 11/2004: TELUS Communications, Inc., Burnaby, BC.

- Worked on TELUS Enterprise Direct and Customer Care Ordering project.
- Designed and developed Web Application components and module with Struts framework, JavaScript, DHTML, CSS, JDBC.
- Designed and developed EJB Message Service.
- Implemented new change requests and enhancements on the Web Application.
- Troubleshoot and fixed code defects.
- Created UML design diagram with IBM Rational.
- Wrote technical design and specification document.
- Wrote ANT build script.

Java Technology and Tool used in the project(s):

- **Development Framework:** Core Java 1.4, Struts Framework, EJB 2.1, JMS, JSP, Java Servlet, JWSDP, HTML, CSS, JavaScript, Log4j, Oracle PL/SQL, Ant
- **Development Tool:** IBM WSAD, TOAD, CVS, IBM Rational Rose, Harvest
- **Application Servers:** IBM WebSphere Application Server
- **Database:** Oracle RDBMS.

06/2004 to 08/2004: IGC Golf Corporation, Vancouver, BC.

- Worked on IGC Golf Tournament and Score Web Application.
- Designed and developed Web Application components and module with HTML, JavaScript, JSP, Java Servlet, and JDBC.
- Designed and developed a custom content management with Struts framework.
- Troubleshoot and fixed code defects.
- Provided technical analysis, advice, and recommendation on technology and technical solutions to IGC.

Java Technology and Tool used in the project(s):

- **Development Framework:** Core Java 1.2, Struts Framework, JSP, Java Servlet, JWSDP, HTML, CSS, JavaScript
- **Development Tool:** Borland JBuild, CVS
- **Application Servers:** Macromedia JRUN Application Server
- **Database:** Microsoft SQL Server

06/2003 to 01/2004: SOFTRAPIDS, Inc., San Jose, CA.

- Designed and developed SOFTRAPIDS online store web application.
- Designed and developed custom store content management and shopping cart application.
- Designed and developed database schema and table.
- Integrated shopping cart application with payment gateway.
- Troubleshoot and fixed code defects.
- Wrote development estimates and progress report.
- Provided technical solution and recommendation on technical issue.

Java Technology and Tool used in the project(s):

- **Development Framework:** Spring Web MVC framework, Macromedia Flash, HTML, CSS, JavaScript
- **Development Tool:** Eclipse, Macromedia Dreamweaver
- **Application Server:** Apache Tomcat
- **Database:** MySQL RDBMS

03/2003 to 06/2003: SWERVE Corporation, Berkeley, CA.

- Worked on development and maintenance of SWERVE Flash Website.
- Designed and developed SWERVE online store web application.
- Designed and developed custom store content management and shopping cart application.
- Designed and developed database schema and table.
- Integrated shopping cart application with payment gateway.
- Troubleshoot and fixed code defects.
- Wrote development estimates and progress report.
- Provided technical solution and recommendation on technical issue.

Java Technology and Tool used in the project(s):

- **Development Framework:** Spring Web MVC framework, Macromedia Flash, Flash Action Script, HTML, CSS, JavaScript
- **Development Tool:** Eclipse, Macromedia Dreamweaver
- **Application Server:** Apache Tomcat
- **Database:** MySQL RDBMS

03/2002 to 02/2003: SURYADISOFT Online Store Builder.

- Designed and developed Online Store Builder web application.
- Designed and developed Store Builder creation wizard and store owner administration application.
- Designed and developed store content management, shopping cart, shipping and tax calculator.
- Designed and developed application security and user access control.
- Designed and developed database schema and table.
- Integrated online store builder with payment gateway such as PayPal, VeriSign, Paradata, and Authorize.net.
- Wrote application installation script.

Java Technology and Tool used in the project(s):

- **Development Framework:** Spring Web MVC, Spring WebFlow, HTML, CSS, JavaScript
- **Development Tool:** Eclipse, Macromedia Dreamweaver
- **Application Server:** Apache Tomcat
- **Database:** MySQL RDBMS

02/2001 to 02/2002: CLICKSERVICES, INC. Fremont, CA.

Senior Software Engineer/Team Leader

- Responsible in leadership, design and development of Click Services Integrated Development Tool Software (codename Movera Designer) for mobile device such as Mobile Phone and PDA.
- Designed and developed the graphical user interfaces of the application such as windows, design panel, properties panel, menu and tool bar, etc. with Java Swing.
- Designed the Mobile device and Click Services server-side component design panel.
- Designed and developed the user interface behavior or experience such as drag and drop UI widget to design panel, copy and paste, delete, undo, etc.
- Designed and developed the action event or listener that interpreted UI layout and UI component representation in the XML file-data.
- Designed the XML meta-data representation from the mobile UI design panel in the tool.
- Designed and developed a custom mobile markup converter engine that converts UI XML meta-data into multiple mobile markup language such WML, PDML, etc.
- Designed and developed a custom java code generator engine that converts UI XML meta-data into server-side Java code such as EJB and Java Servlet code.
- Designed abstract classes, interfaces, and class hierarchy for Java developers to implement.
- Designed UML model of Java class structures and hierarchy, flow and activity/process of the application code.
- Created application installer with InstallJ tool.
- Wrote Unit-test code with JUnit.
- Performed code review and mentored junior Java Developers.
- Performed proof-of-concept, demo, and presentation to management and board of directors.
- Assigned development tasks to Java developers and monitor development progress.
- Troubleshoot technical issues and code defects.
- Re-factor and clean-up messy, tight-coupled and hard to maintain code or module.
- Wrote technical design and functional specification documentation.
- Wrote development estimate and status report to engineering manager.
- Coordinated design session with business team to get ideas and clarify requirements.
- Worked with engineering manager to create project development plan and milestone.
- Designed use-case and test-plan with Quality Assurance team.

Java Technology and Tool used in the project(s):

- **Development Framework:** Core Java 1.1, Castor, Java Swing, JUnit, Ant
- **Development Tool:** Borland JBuilder, Borland Together J, InstallJ, CVS

04/2000 to 01/2001: AJILON CONSULTING, LLC. Walnut Creek, CA.

Senior Programmer/Analyst

- Conferred with clients to identify and document requirements, conduct business and technical studies, design, develop, write software program and implement information systems business solutions, and provide advice on information systems strategy, policy, management and service delivery

LIST OF PROJECTS AND CLIENTS:

- **09/2000 to 11/2000: E-Loan, Dublin, CA.**
 - Worked on E-Loan web application project.
 - Designed and Developed web application components and module
 - Implemented new change requests and enhancements on the Web Application.
 - Troubleshoot and fixed code defects.

Java Technology and Tool used in the project(s):

- **Development Framework:** Core Java 1.1, Java Servlet, HTML, JavaScript
- **Development Tool:** Borland JBuilder
- **Application Servers:** Apache Web Server

- **06/2000 to 08/2000: Bank of America, Concord, CA.**
 - Worked on Bank of America Help Desk web application redesign project.
 - Designed and Developed web application components and module
 - Implemented new change requests and enhancements on the Web Application.
 - Troubleshoot and fixed code defects.

Java Technology and Tool used in the project(s):

- **Development Framework:** Core Java 1.1, JSP, HTML, JavaScript
- **Development Tool:** IBM Visual Age
- **Application Servers:** Netscape iPlanet
- **Database:** Oracle RDBMS.

08/1997 to 04/2000: CERNER CORPORATION. Kansas City, MO

Application Developer

- Designed, developed and maintained Cerner Health Facts web application.
- Designed and developed chart and reporting Java Applet with Java Swing.
- Designed and developed Oracle PL-SQL store procedures.
- Implemented new change requests and enhancements on the Web Application.
- Troubleshoot and fixed code defects.
- Wrote technical design documentation.

Java Technology and Tool used in the project(s):

- **Development Framework:** Core Java 1.0 and 1.1, Java Applet, Java Swing, Java Server Pages, Java Servlet, HTML, CSS, JavaScript
- **Development Tool:** Microsoft Visual Studio, Microsoft Visual J++, Symantec Visual Café
- **Application Servers:** Microsoft Internet Information Server
- **Database:** Oracle RDBMS.

EDUCATION

B.S., Management Information Systems.

Iowa State University, Ames, Iowa (1994 – 1997)

TECHNICAL SKILLS

- **Programming Languages:** Core Java (1.0, 1.1, 1.2, 1.4, 1.5, 1.6), C/C++, Visual Basic, SQL, PL-SQL, PHP, Perl, JavaScript, VBScript, Flash Action Script, HTML, XML, CSS
- **Core Java (JSE) API/Frameworks:** Java Collections, Java Utils, Java Thread, Java Socket, Remote Method Invocation (RMI), Java IO, Java AWT, Java Swing, Java Applet, Java Crypto
- **Enterprise Java (JEE) Frameworks:** Enterprise Java Beans (1.1, 2.1, 3.0), Java Message Service (JMS), JAX-WS, JAX-RS, JAXB, Java Web Service Development Pack (JWSDP), Java Server Pages (JSP), Java Server Faces (JSF), Java Servlet, Custom Tag Library, Java Standard Tag Library (JSTL), Java Database Connectivity (JDBC), Java Authentication and Authorization Service (JAAS), Java Management Extension (JMX), Java Persistence API (JPA), Java Data Object (JDO)
- **Open Source Java Frameworks:** OSGi Framework (Equinox, Apache Felix, Knopflerfish), Spring Framework (Spring Core, Spring Web MVC, Spring Web Flow, Spring Security/Acegi, Spring Web Service, Spring AOP, Spring JDBC, Spring ORM), Apache Struts Framework, JQuery, Apache MyFaces, Apache Cocoon, Apache Commons, Apache Axis, Apache XML Beans, Apache Xerces, Apache iBATIS, Apache Lucene, Jamon, Castor, JBOSS RESTEasy, JBOSS Hibernate, Open Symphony SiteMesh, Open Symphony OSCache, Open Symphony Quartz, HttpUnit, JUnit, Cactus, EasyMock, Mockito, Maven, Ant
- **Security:** Sun One LDAP, Oracle OID, SiteMinder
- **Databases:** Oracle, MySQL, PostgreSQL, HSQL, DB2, Microsoft SQL Server, Microsoft Access
- **Application Servers:** IBM WebSphere, JBOSS, Oracle Application Server (OAS), OC4J, Oracle Identity Directory Server, BEA Web Logic, Apache Tomcat, Apache Geronimo, Sun One Application Server, Netscape iPlanet, JRun, Microsoft Internet Information Server (IIS), Apache Web Server.
- **Development Tools:** Eclipse, IBM RAD/WSAD, Oracle JDeveloper, NetBeans, Borland JBuilder, Symantec Visual Cafe, IBM Visual Age, Microsoft Visual J++, Microsoft Visual Studio, , Oracle InterConnect iStudio, Macromedia Dream Weaver, Macromedia Flash, TOAD, Oracle SQL Developer, Oracle SQL Plus, SOAP UI, Selenium
- **Design Tool:** Visual Paradigm, Borland Together Architect, IBM Rational Rose, Microsoft Visio
- **SOA Tools:** Oracle Service Bus (OSB), IBM WebSphere MQ/MQ Series, Oracle Integration Interconnect, JBOSS Enterprise Service Bus
- **SCM Tool:** Subversion (SVN), Rational Clear Case, CVS, Computer Associate Harvest, Borland Star Team
- **Performance Tool:** JMeter, JProfiler, JProbe
- **Testing Tool:** Cactus, Selenium
- **Defects Tracking Tool:** Rational Clear Quest, BugZilla, JIRA, Mercury Test Director,
- **Operating System:** WINDOWS (2000/XP/Vista,7,8), Apple Mac, UNIX (Solaris, AIX, HP), LINUX (Suse, RedHat, Ubuntu)
- **Agile Methodology:** Unified Process, Scrum, Extreme Programming

REFERENCES AVAILABLE UPON REQUEST