

# ALIK GOTLIB

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## S U M M A R Y

### **Sr. Software Engineer • Java EE Architecture Consultant**

*Object Oriented Analysis & Design • Solution-orientation*

- Over 10 years of professional experience in software development • Strong knowledge of application design & architecture • Successful managing of development teams
- Excellent analytical and decision making skills

## T E C H N I C A L   P R O F I L E

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### *Java*

- Java EE
- Spring
- Hibernate
- EJB
- Web-Services
- Struts / Tiles
- JSP / Servlets
- Ajax
- Acegi Security
- CAS Single Sign-On
- JMS
- LDAP
- Java Networking
- WLI Business Processes
- WebLogic Integration
- WebSphere
- JBoss / Tomcat

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### *Concepts*

- AOP/AOSD
- CRM / ERM
- SOA
- Agile

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### *Finance*

- Capital Market
- Risk Management
- Securities
- Derivatives
- Bonds
- Options
- Futures

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### *Languages*

- Java
- C++
- JavaScript
- CSS
- DHTML
- XML
- XSLT
- UML

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### *Database-Related*

- Oracle 8i – 11g
- Teradata 6.0
- SQL, PL / SQL, HQL
- Data Warehouse

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### *IDEs and Tools*

- Visual Paradigm for UML
- JBuilder
- WebLogic Workshop
- IBM WSAD
- IBM RAD
- Eclipse / MyEclipse
- UML Modeller
- MS Visio Design Tool
- ErWin DB Modeller
- JProbe Profiler
- Apache Ant
- FioranoMQ JMS Server
- IBM MQ Series
- OpenJMS Server
- TOAD
- Teradata DB Admin
- ClearCase / ClearQuest
- CVS , SVN

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### *Operating Systems*

- Windows: NT/XP/Vista
- Unix: Sun Solaris
- Linux

## PROFESSIONAL EXPERIENCE

11/2007-Present

**SENIOR JAVA EE CONSULTANT**

The Jonah Group for BCBSM

*Blue Cross Blue Shield of Michigan (BCBSM) is a major North American health and dental insurance carrier providing health benefits to **4.7 million** members and processing 30,000 health claims daily.*

- Acted as a technology consultant for *BCBSM Benefit Configuration and Management System*, a suite of enterprise applications for provisioning and editing benefit rules, assembling benefit contracts and translating rules for claim processing.
- Took full responsibility for reorganization of NPS Variable Resolution module, the most complex mechanism of benefit rule translation. Designed the new data model, class model and business flows, analyzed the impact of the solution to other modules of the application suite.
- Produced new conceptual design for performing Benefit Package Translatability analysis. Defined new algorithms for business flows affected by the introduced approach. Worked closely with the implementation team and ensured high quality release of the feature.
- Designed and implemented Rule Structure Report to provide the BSBSM benefit analysts and rule coders with a tool to retrieve and analyze the information on rule structure translatability and promotion targets.
- Performed requirement gathering, analysis and design of the solution ensuring integrity of the data transferred between BCBSM and IBM's claim processing system.
- Analyzed, designed and supervised the implementation of Variable Resolution for Dollar Line Maximum Values service.

Technologies: *Java EE, UML, Web-Services, Spring, Struts, Ajax, EJB, JSP, WebSphere, XML Beans*

03/2007-10/2007

**SENIOR J2EE CONSULTANT**

The Jonah Group for CIBC

*CIBC is a leading North American financial institution. CIBC provides a full range of products and services to almost 11 million clients and meets the financial needs of personal, corporate and institutional clients producing annual revenue of \$11.3 billion.*

- Acted as a technology consultant for Personal Portfolio Services (PPS Online) application, a Wealth Management system serving **127,000** accounts.
- Provided such functionality as managing clients' retirement income funds and life income funds, systematic withdrawal plans, trust beneficiary designation and more.

- Established a workflow for opening and maintaining personal and corporate portfolios.
- Provided a wide variety of internationalized front-end solutions for PPS Online, developed a significantly extended MVC framework on top of Struts.
- Developed a module for generating customized PDF documents which contained account details for new and existing account applications.
- Implemented access control for the PPS Online wire frames based on user's permissions.

Technologies: J2EE, Struts MVC, JSP, Servlets, XML Schema, XSLT, JAXB, Apache Tomcat, JUnit

07/2006-02/2007

**ARCHITECTURE CONSULTANT**

Teradata, NCR

*Teradata is a leading provider of analytical and data warehousing technologies. It serves more than 800 companies, including such billion-revenue clients as Paramount Pictures, FedEx and eBay. Teradata Application Platform offers easy-to-use plug-in component architecture for application development.*

- Consulted the Teradata Application Platform (TAP) group on reorganizing architecture of the platform towards componentization and switching to lightweight solutions. The **new architecture** raised the product to the next level of deployment flexibility and significantly increased its performance.
- Took full responsibility for releasing the platform's **Security** framework:
  - Communicated with the project customers and performed requirement analysis.
  - Researched new technologies for authentication, authorization and data security, analyzed the trade-offs of different approaches and came up with a model answering all the customers needs.
  - Created high-level architecture for the security module.
  - Estimated the impact of the new solution on TAP services, provided task sizing.
  - Performed data modeling and low-level design of the module components.
  - Led TAP Security development performed by Canadian and international teams.
  - Performed design adjustments, troubleshooting, work coordination and code integration for the team members.
  - Released a stable and reliable product: TAP 2.0 Security

Technologies: J2EE, Spring, Struts, Hibernate, Acegi, CAS Single Sign-On, EJB, Ajax, OpenLDAP, Active Directory, Agile, JBoss, Tomcat, WebSphere, WebLogic, ClearCase, SVN, Continuum, Pulse

03/2006-06/2006

SENIOR J2EE CONSULTANT

MFX Fairfax

*MFX Fairfax provides insurers, risk managers, agents and brokers with leading edge applications designed specifically for the insurance industry. It develops solutions for underwriting and claims, web-based file systems and BPO services. MFX is a subsidiary of Fairfax, a global financial services holding company.*

- Acted as a core member of a highly productive team providing services to ING Canada, Pan-American Insurance Company and Western Life Assurance Company.
- Developed new Pan-American application for client's health assessments, flexible premium calculations, online quote underwriting and policy issuing.
- Advanced the application infrastructure for automatic generation of policy documents.
- Created fast and reliable framework to update Pan-American with daily client and billing activity reports.
- Provided efficient solutions to products' internationalization for the Latin American market.
- Performed full research and impact analysis for Western Life mail server upgrades, supervised the implementation and advised on the optimal ways of mail archiving.
- Successfully scaled the Western Life application to support multiple-insured policies (JLTD).
- Developed new functionality to enable the Underwriters to accept and modify the JLTD quotes and policies in an intuitive and efficient way.
- Improved Western Life's communications with MIB, a fraud-protection association of over 500 U.S. and Canadian life insurance companies.
- Introduced new ways to re-rate/modify premiums for the joined insurance quotes.

Technologies: J2EE, Struts, Tiles, JSP, Servlets, JavaMail, SMTP/IMAP, JDBC, JNDI, DAO,

09/2004-02/2006

SENIOR J2EE CONSULTANT

CGI for Bell ExpressVu

*Bell ExpressVu is the division of Bell Canada that sells television services. Besides the traditional satellite TV, the company offers interactive television (iTV) via VDSL. ExpressVu provides over 300 digital channels to over 1.5 millions subscribers.*

- Analyzed the system requirements and performed the application design for ExpressVu BO Billing System. The amount of monetary transactions processed by BOBS is **\$325 millions**.
- Developed and collaborated in design and architecture of OneVu framework for the National Install program for ExpressVu and Interactive Activation System (IAS). The project became a big success and exceeded the profit expectations **by 85%**.
- Created Web Services for OneVu's effective interactions with the external systems such as IBM's Order Management framework and WorkForce Management system.
- Defined core Business Process flows to handle business transactions of IAS.

- Modeled and built the entire OneVu database layer using DB controls with WebLogic Integration Server (WLI) platform.
- Implemented a large variety of Java controls for transformation, validation and processing of National Install business requests.
- Applied the best practices of Struts MVC to design and develop the Electronic Customer Statement Management system. ECSM is a compound application which controls client statements for Bell ExpressVu billing on both Symcor (non-One Bill) and Conso (One Bill) accounts. Created original front-end solutions using JSP, Servlets, Tiles, CSS, JavaScript.
- Developed out-of-the-box solutions for VuCare Legacy Migration project, providing the customers a new level of flexibility in customizing their TV channel programming.

*Technologies:* J2EE, EJB, JDBC, JNDI, JMS, DAO, Web Services, WSDL, Servlets, JSP, Struts, XSLT, XML Transform., Oracle, SQL, PL/SQL, Java Controls, WebLogic Integration Server (WLI)

05/2001-07/2004

**SENIOR J2EE DEVELOPER**

Matrix IT

*Matrix IT is a software house that employs 1,800 professionals and provides IT services to 500 companies. The company leads the way in the financial market technologies. Matrix IT develops software products for banking industry, performs integration projects and provides consulting services to banks, credit card and insurance companies worldwide.*

- Being a leading member of a team of financial software professionals, developed a Capital Market enterprise management system for mutual funds of a major banking group. An average turnover of executions performed by this system became **\$110,000,000** per month.
- Acted as a core developer of Command Trade module, which came to production first and became the flagship module of the project. Performed full running-time optimization to ensure high-speed processing of broker commands.
- Actively participated in efficiency tests of the Capital Market business processes, provided full performance analysis, located and eliminated application bottlenecks. As a result of my suggestions for design and implementation improvements the performance of the problematic processes increased **3-5 times**.
- Designed and applied Spider - a fast-messaging infrastructure for communication with Stock Exchange using encoded message protocols.
- Took full responsibility for maintenance of Over-The-Counter Trading module. Performed reverse-engineering of the existing code and significantly improved its reliability.
- Performed major code refactoring in Economic Activities module, which provided the investment analysts with the tools to estimate company market values and to define the fund investment strategies. Greatly increased the performance of the modified processes.

*Technologies:* OOAD, J2EE, EJB, JDBC, JNDI, JMS, UML, XML, SQL, JSP, Struts, WebSphere, MQSeries  
*Finance:* Securities, Derivatives, Command Trading, Company Value Assessments, Foreign Exchange

*ViryaNet is a leading provider of B2B Internet solutions for service communities. ViryaNet's Service Hub supports a variety of business processes in the areas of contracts, supply chain and repair, including: managing service level agreements, enabling customer self service, automating repair returns, and providing auction-based replenishment.*

- Developed Service Hub, a family of enterprise client/server applications for managing service delivery. Performed high-quality task analysis, design, implementation, code maintenance and customer support for the product.
- As a **team lead** of four programmers, was responsible for development and releasing of customized product versions for Sun Microsystems. Performed task distribution, work coordination, code integration and technical consulting of the team. The project that I led became the company's **most profitable** project in 1999.
- Executed performance and functionality tests for sophisticated processes using automated monitoring and testing tools during the complete development lifecycle.
- Developed and released Service Hub versions for General Electric Medical Systems, Teraoka Seiko and Nortel Networks.
- Developed ViryaNet Workflow, a process definition tool for B2B commerce systems. Provided smart solutions for race-condition and thread-safety problems and established a highly reliable product.
- Quickly and cost-effectively implemented new customer requirements.

Technologies: J2EE, JDBC, JSP, Servlets, XML, XQL, UML, SQL, PL/SQL, WebSphere, Unix, Windows

## E D U C A T I O N

- **B.Sc., Computer Sciences diploma**, 1998  
Technion – Israel Institute of Technology
- **Certificate of Graduation** from the **John Bryce Training Center**, 2000  
Course of Internet technologies and web-development tools
- **Certificate of Achievement** from **BEA Systems**, 2005  
Course of advanced enterprise app. development for WebLogic Integration Server (WLI)
- **Certificate of Java professional** from the **BrainBench Testing Company**, 2006  
Had a great result in the certification and scored **higher than 96%** of all previous test takers

## R E F E R E N C E S

Available Upon Request